



eaZyBI
■ ■ ■ _ ■ ■

**Don't make me think about
UI**



Jānis Liepa



Jānis Liepa

Front-end developer



Community Days
April 3, 2020

**Our principles
for UI changes**

**Principles in
action**

The takeaway



**Nobody
Likes
Change**

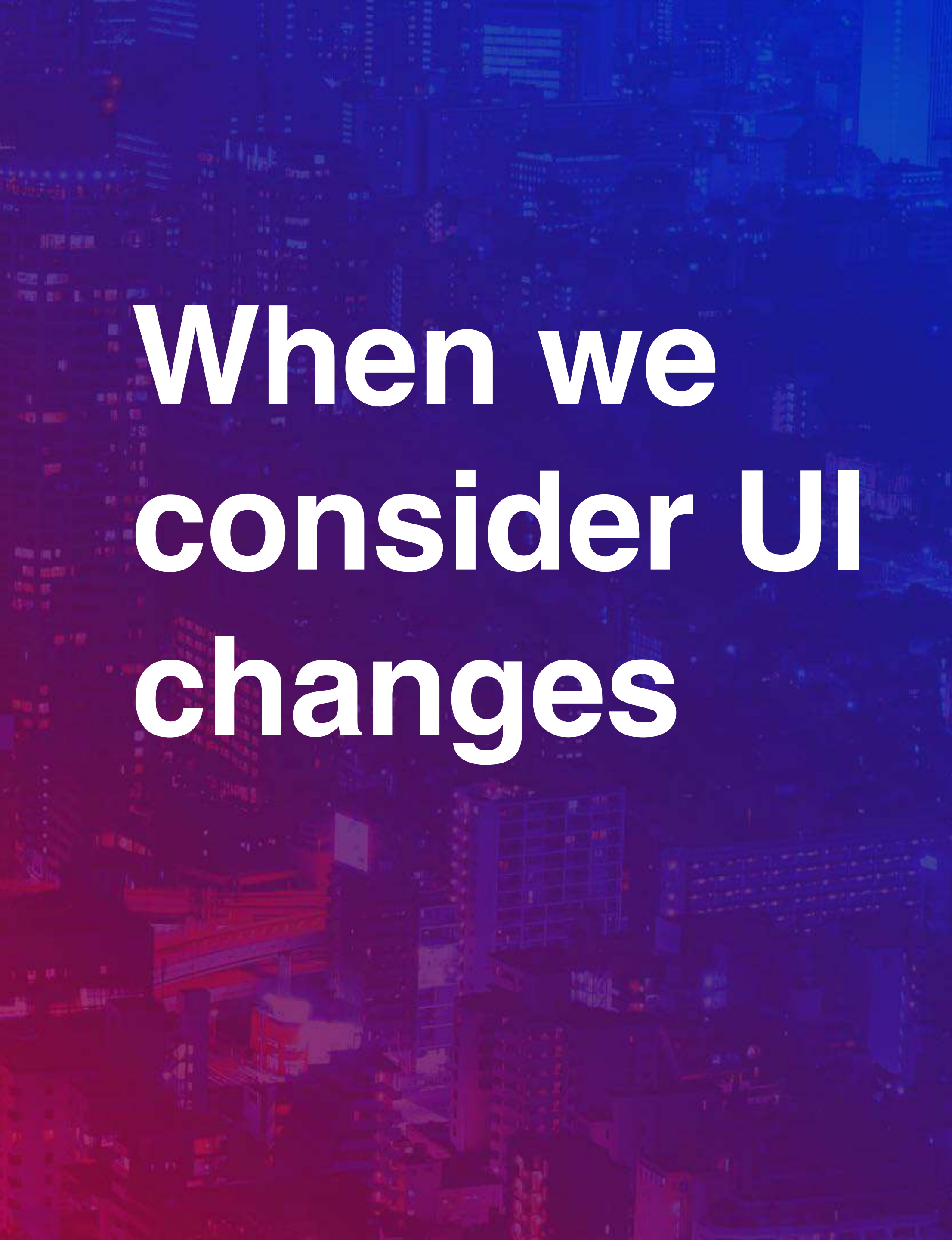
**Everybody
Loves
Improvement**

**Your life does not get better by
chance, it gets better by
change**

Jim Rohn

easyBI does not get better by
chance, it gets better by
change





When we consider UI changes

Customers have problems

To guide

Customers ask

To improve

We have problems

Conventions and usability

There is one more

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**When we
consider UI
changes**

To guide
Customers have problems



BEFORE

Issues **Empty** **Delete** Size: 1.1 MB Last import: about an hour ago

New report New folder Import reports Export reports 3 Hide reports

2015
eazyBI 3.4

BEFORE

Issues Empty Delete Size: 1.1 MB Last import: about an hour ago

New report New folder Import reports Export reports 3 Hide reports

2015

eazyBI 3.4

NOW

Issues Empty ... Size: 3.3 MB Last import: 2 months ago

New report New folder Rename reports Export reports 59

Delete

2016

eazyBI 4

BEFORE

The screenshot shows the eazyBI interface for JIRA reports. The top navigation bar includes 'Home', 'Source Data', 'Analyze', 'Dashboards', and 'JIRA'. The right side of the bar shows 'JIRA reports', a help icon, a settings icon, and a user profile icon. Below the navigation bar, there is a 'Issues' section with 'Save', 'New', 'Open', and a menu icon. The main content area is divided into several sections:

- Dimensions:** A grid of 15 dimension boxes, each with a right-pointing arrow. The dimensions are: Measures, Project, Reporter, Assignee, Issue Type, Priority, Status, Resolution, Affects Version, Fix Version, Security Level, Issue, Logged by, Label, and Time.
- Pages:** A section with the text 'Drag here if needed'.
- Columns:** A section with the text 'Drag dimensions here'.
- Rows:** A section with the text 'Drag dimensions here'.
- Visualizations:** A row of buttons for different chart types: Table, Bar, Line, Pie, Scatter, Timeline, Map, Gantt, and Gauge. A refresh icon is on the right.
- Instructions:** Below the visualization buttons, the text reads: 'Drag at least one dimension to columns and one dimension to rows to query data.'

At the bottom of the interface, there is a footer with the text: 'Powered by eazyBI for JIRA (version 4.3.2) · Documentation' and 'Licensed to development, trial license'.

2017
eazyBI 4.3

MEASURE

=



BEFORE

The screenshot shows the eazyBI 4.3 interface for JIRA. The top navigation bar includes 'Home', 'Source Data', 'Analyze', 'Dashboards', and 'JIRA'. Below this, there are tabs for 'Issues' and 'Save', 'New', 'Open'. The main area is a grid of dimension filters:

Measures	Project	Reporter
Assignee	Issue Type	Priority
Status	Resolution	Affects Version
Fix Version	Security Level	Issue
Logged by	Label	Time

Below the grid, there are sections for 'Pages' (Drag here if needed), 'Columns' (Drag dimensions here), and 'Rows' (Drag dimensions here). A visualization type selector is present with options: Table, Bar, Line, Pie, Scatter, Timeline, Map, Gantt, Gauge. A note states: 'Drag at least one dimension to columns and one dimension to rows to query data.'

Powered by eazyBI for JIRA (version 4.3.2) · Documentation
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2017
eazyBI 4.3

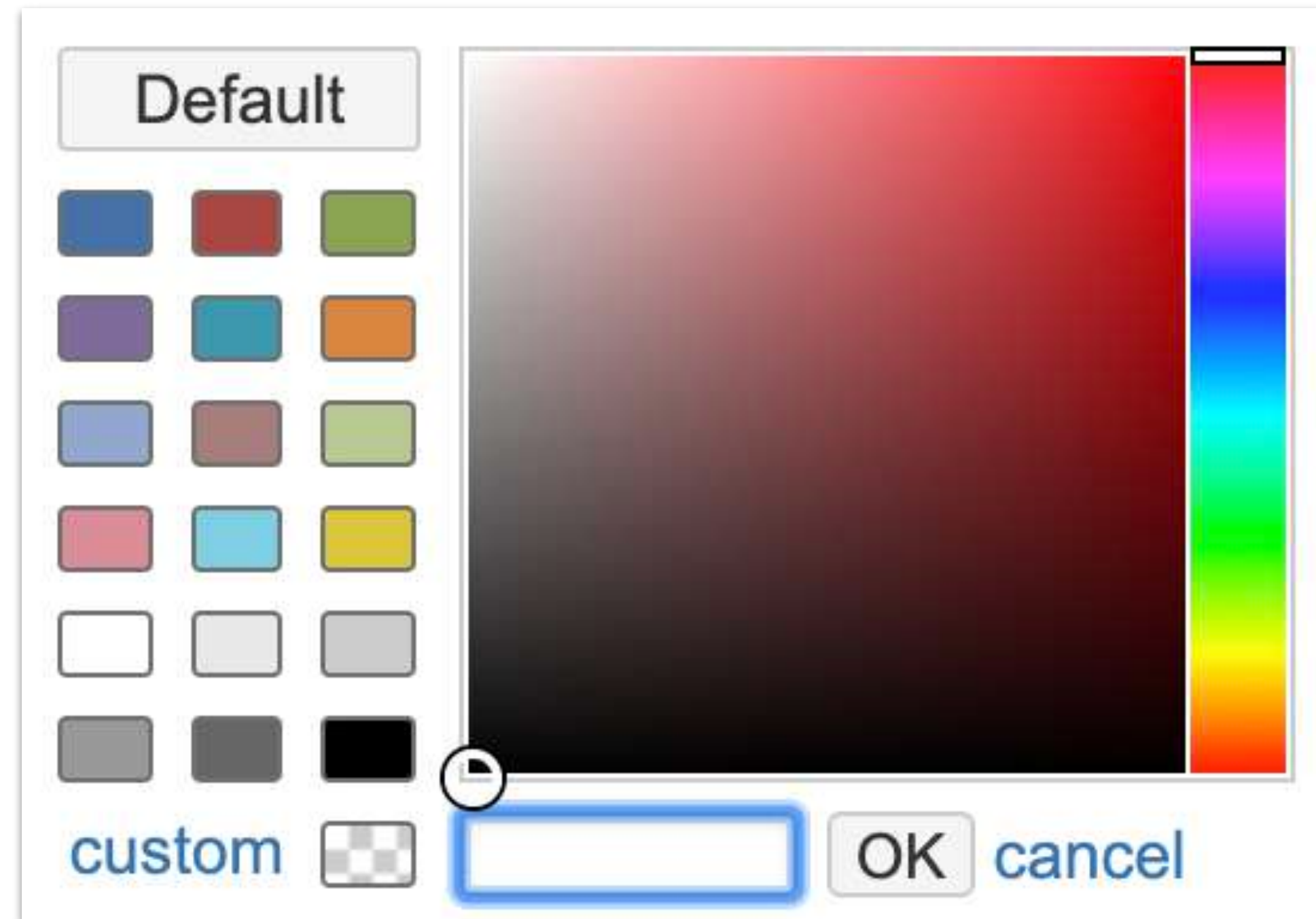
NOW

The screenshot shows the eazyBI 4.6 interface. It features a simplified workflow:

- Pages:** Drag here if needed.
- Columns:** A red box highlights the 'Measures' filter being dragged into the 'Columns' area.
- Rows:** Drag dimensions here.
- Visualization Type Selector:** Table, Bar, Line, Pie, Scatter, Timeline, Map, Gantt, Gauge.
- Instruction:** Drag at least one dimension to columns and one dimension to rows to query data.

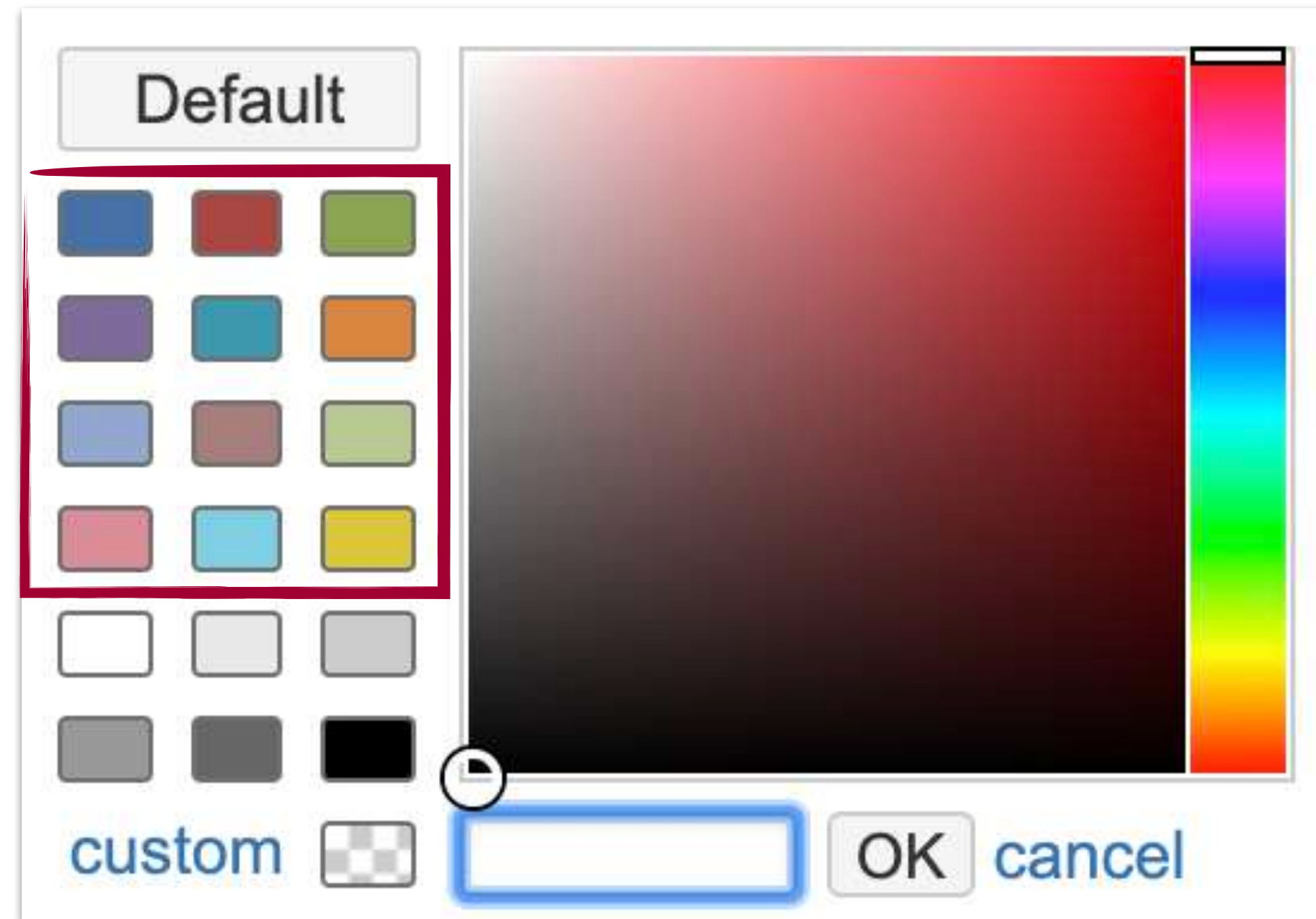
2018
eazyBI 4.6

BEFORE



2019
eazyBI 5.3

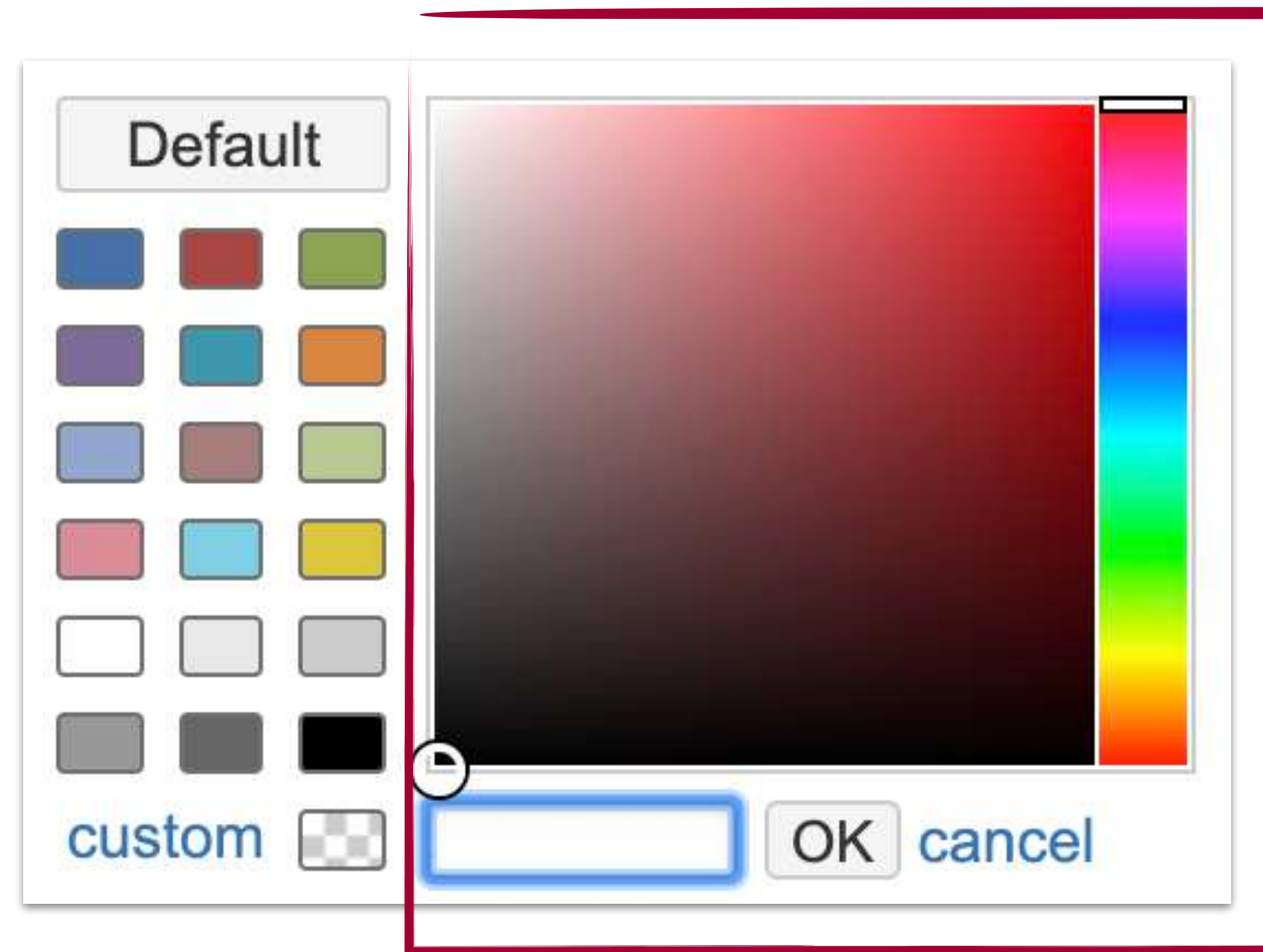
BEFORE



2019

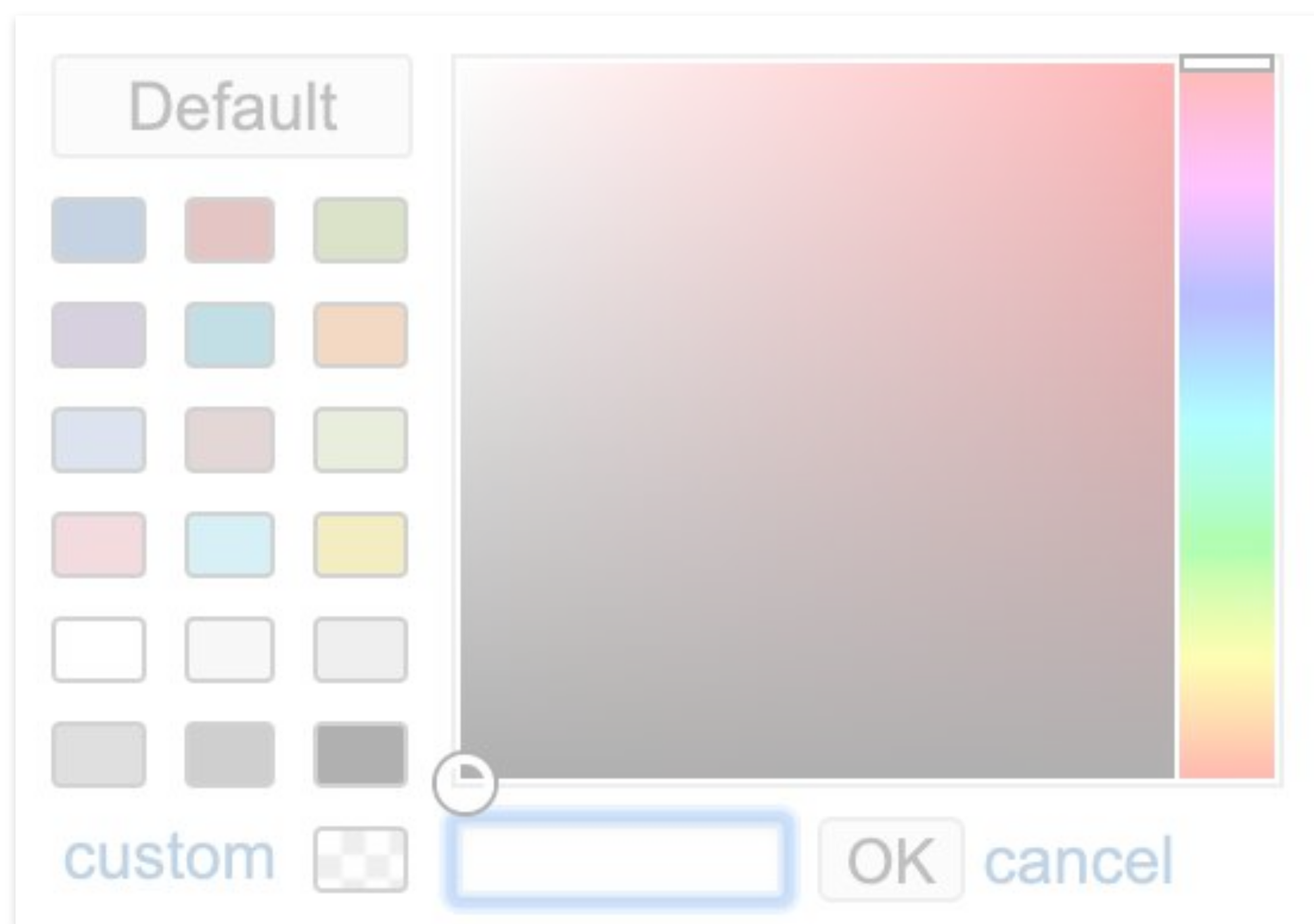
eazyBI 5.3

BEFORE



2019
eazyBI 5.3

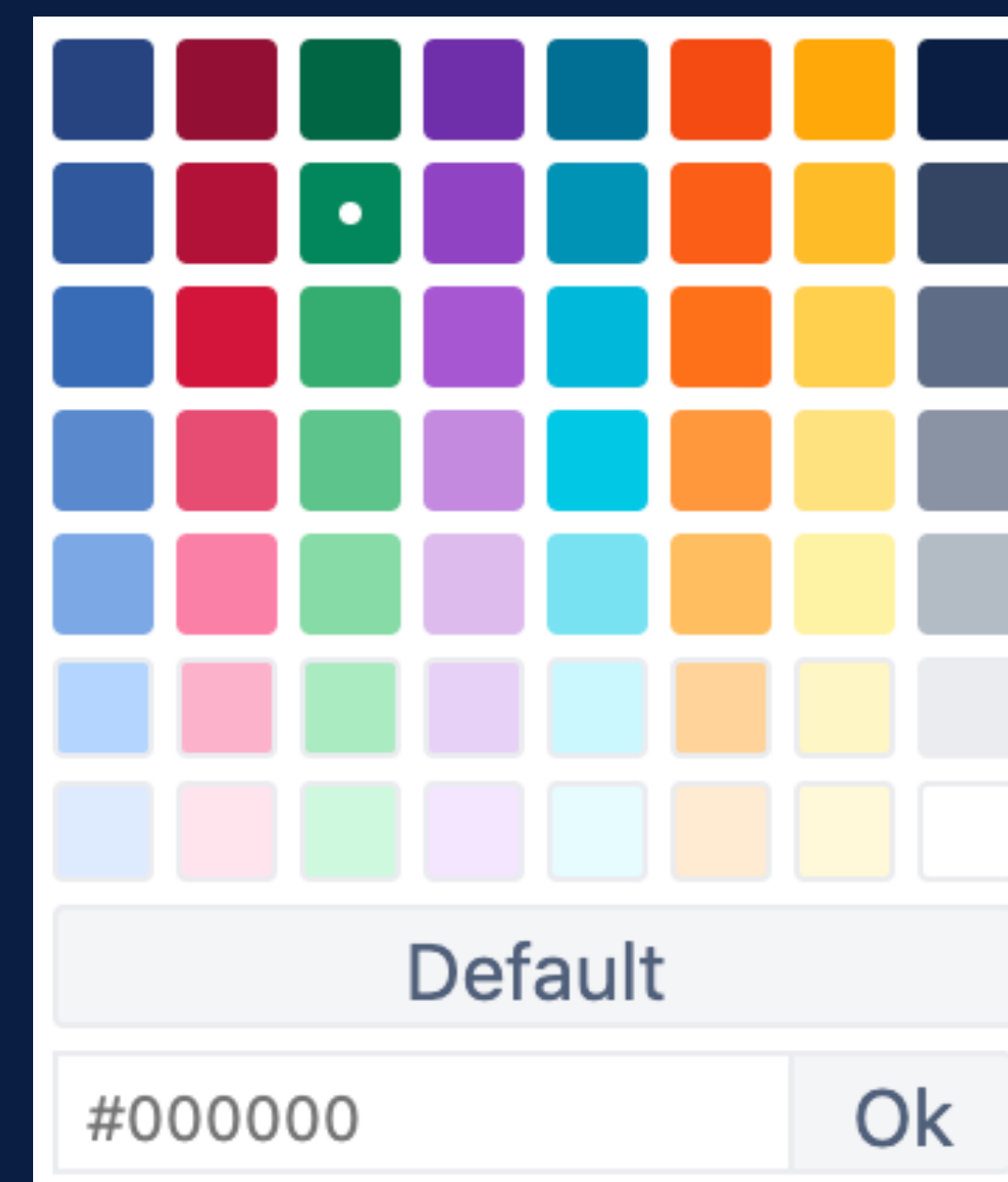
BEFORE



2019

eazyBI 5.3

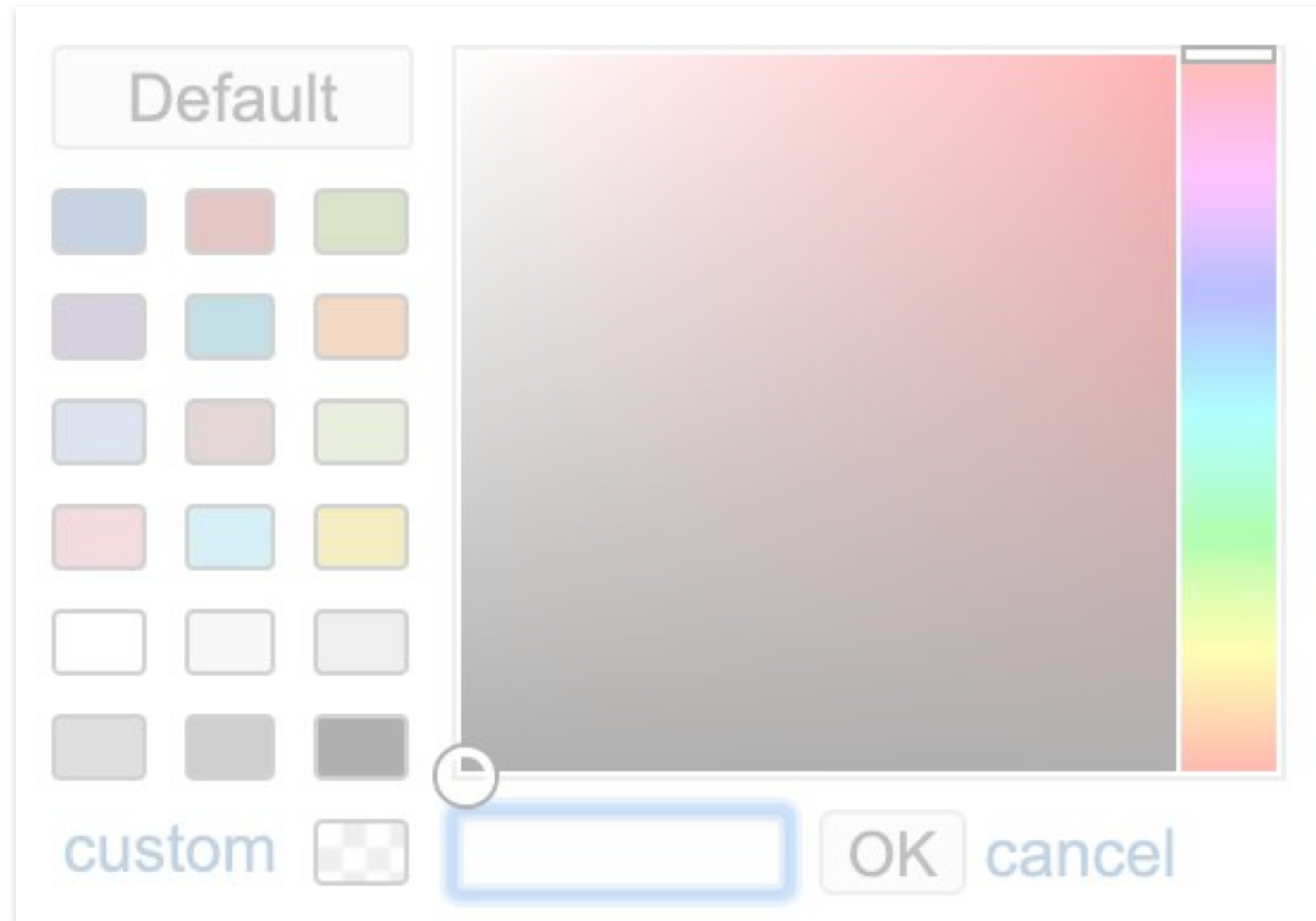
NOW



2020

eazyBI 6

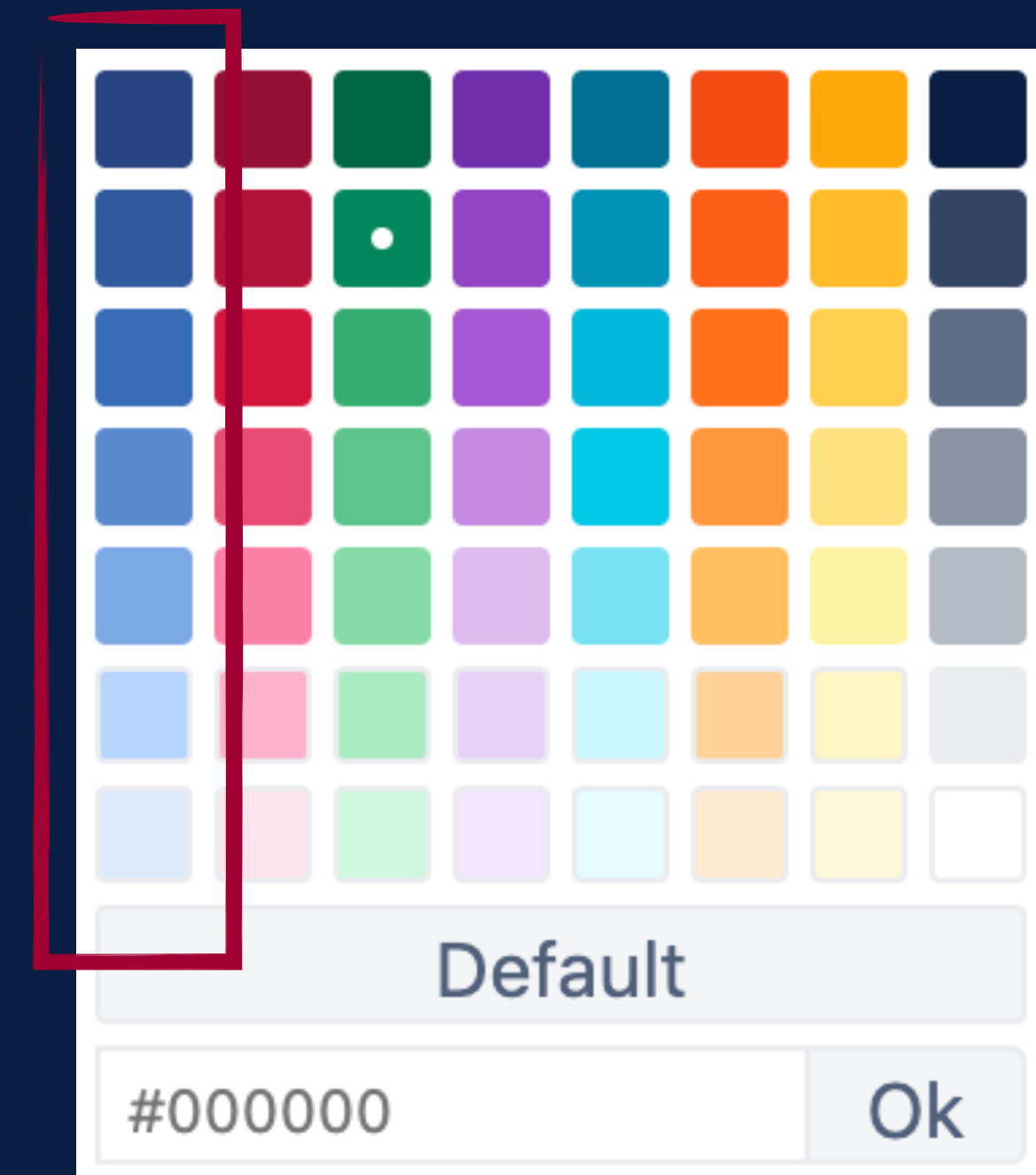
BEFORE



2019

eazyBI 5.3

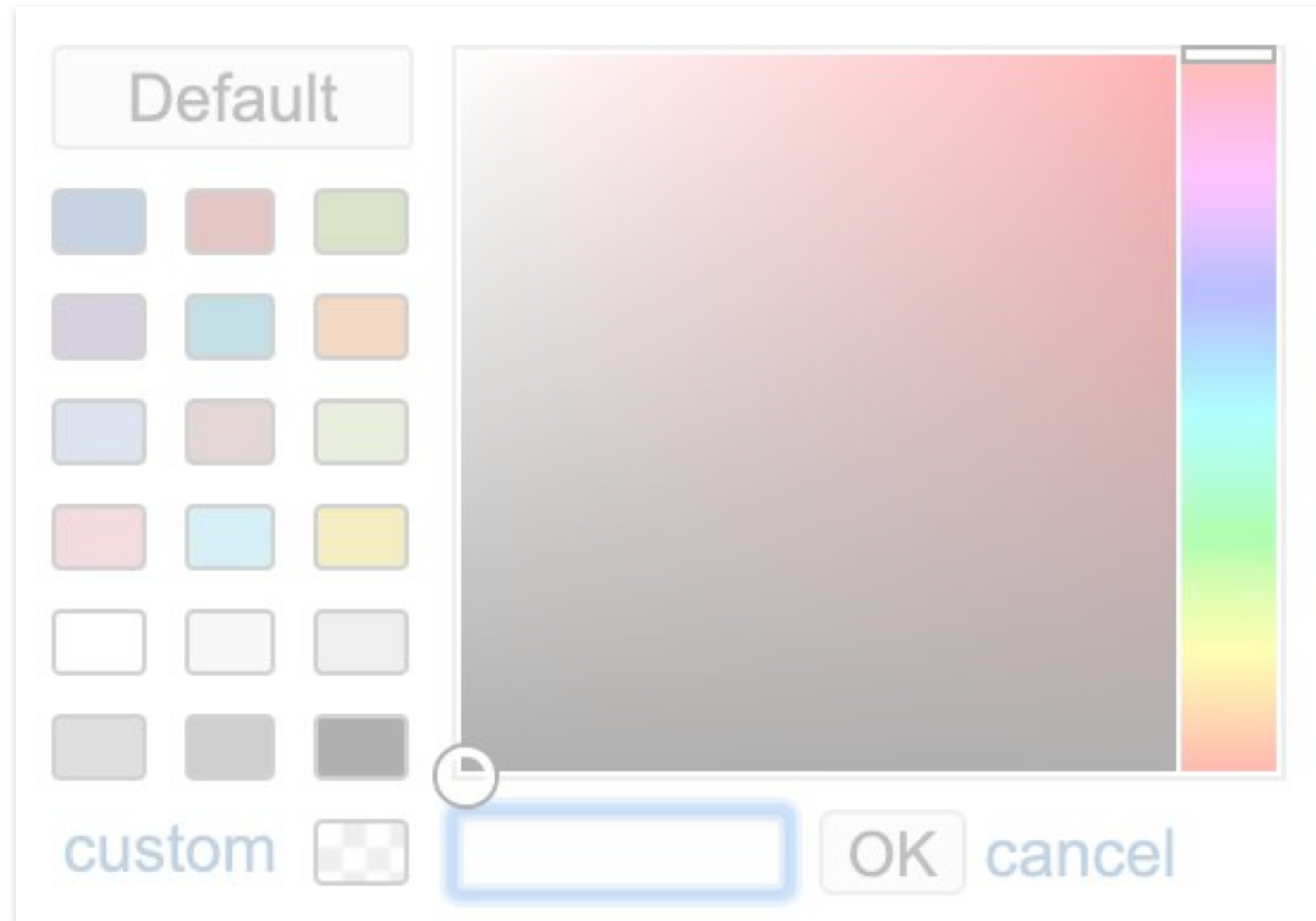
NOW



2020

eazyBI 6

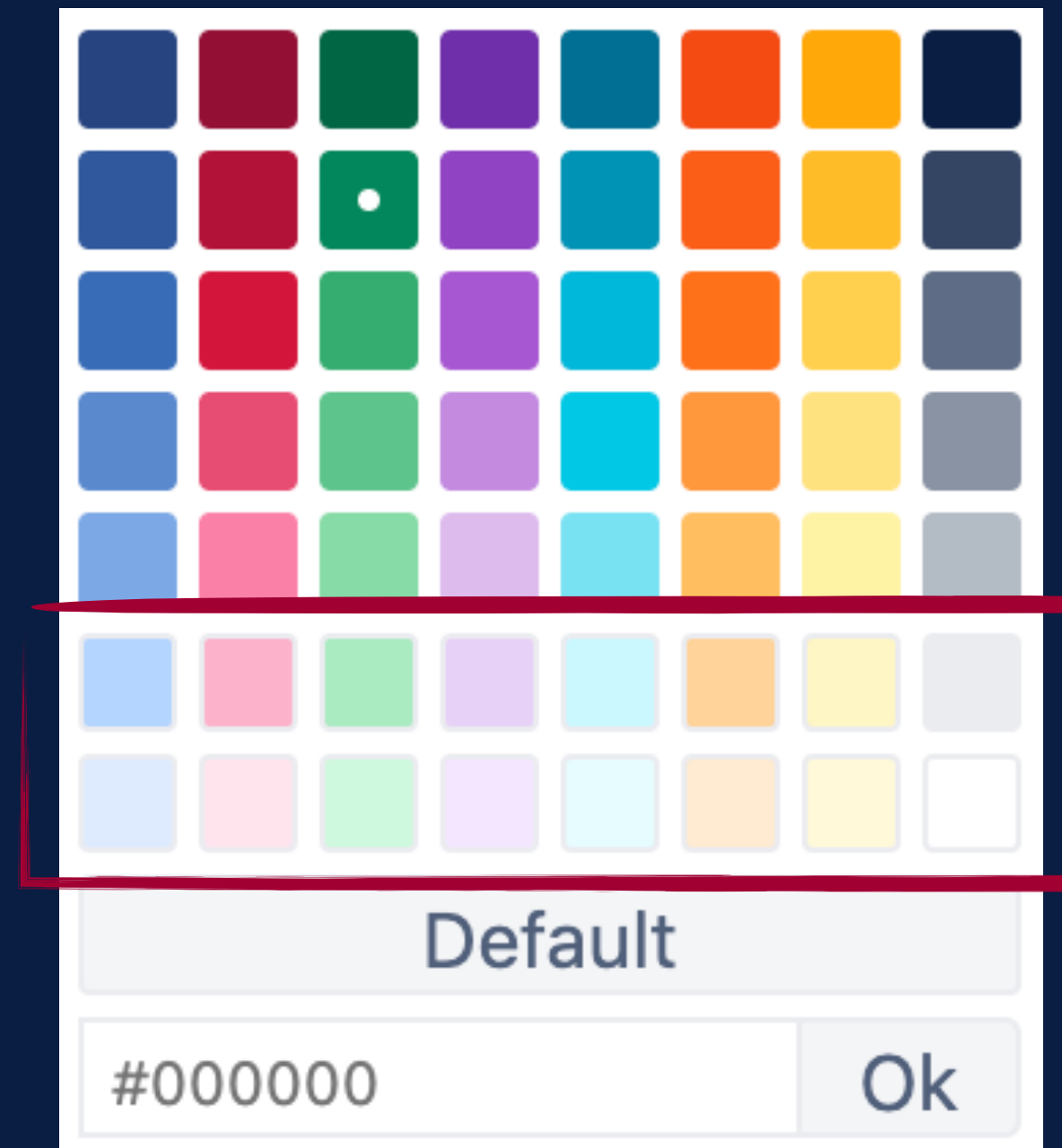
BEFORE



2019

eazyBI 5.3

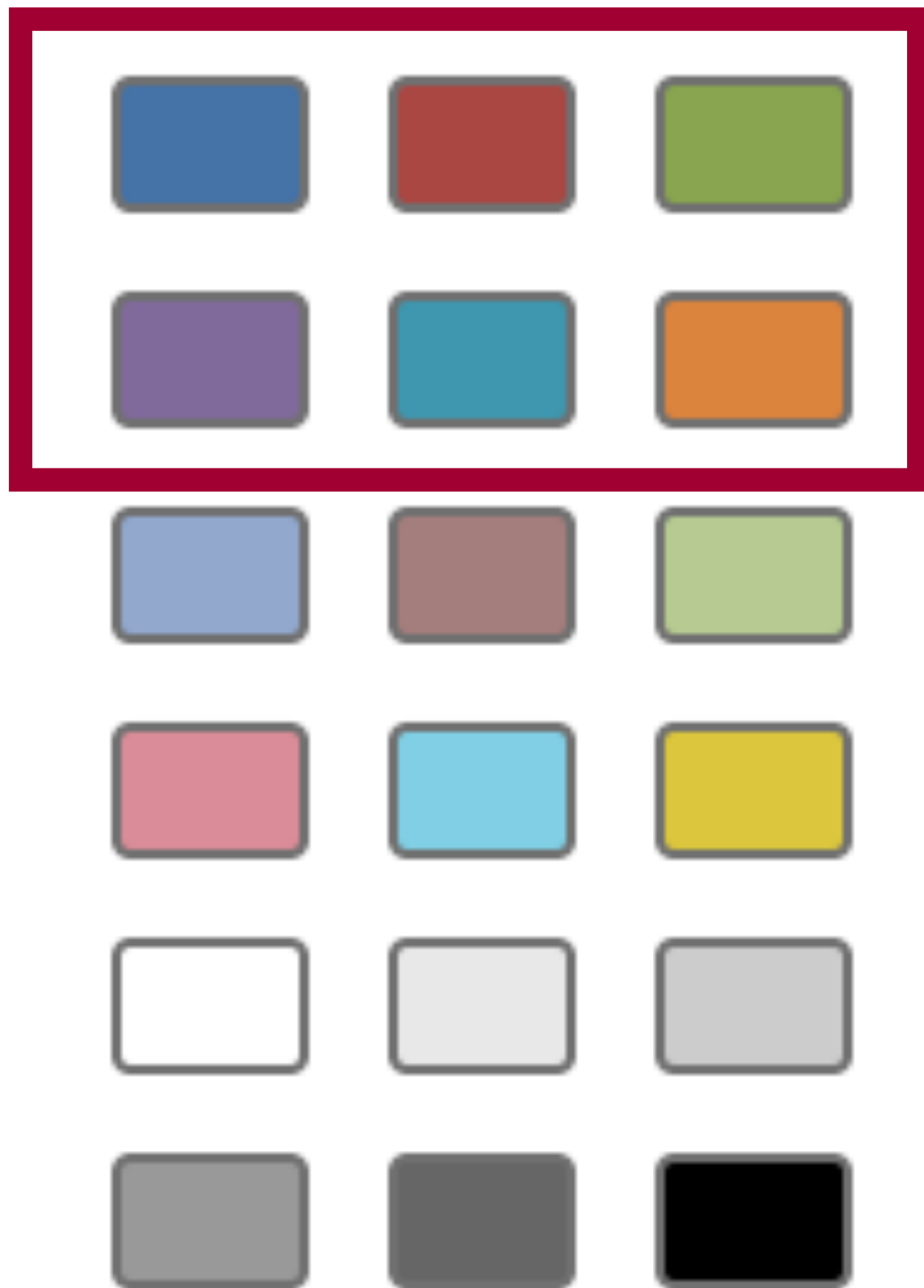
NOW



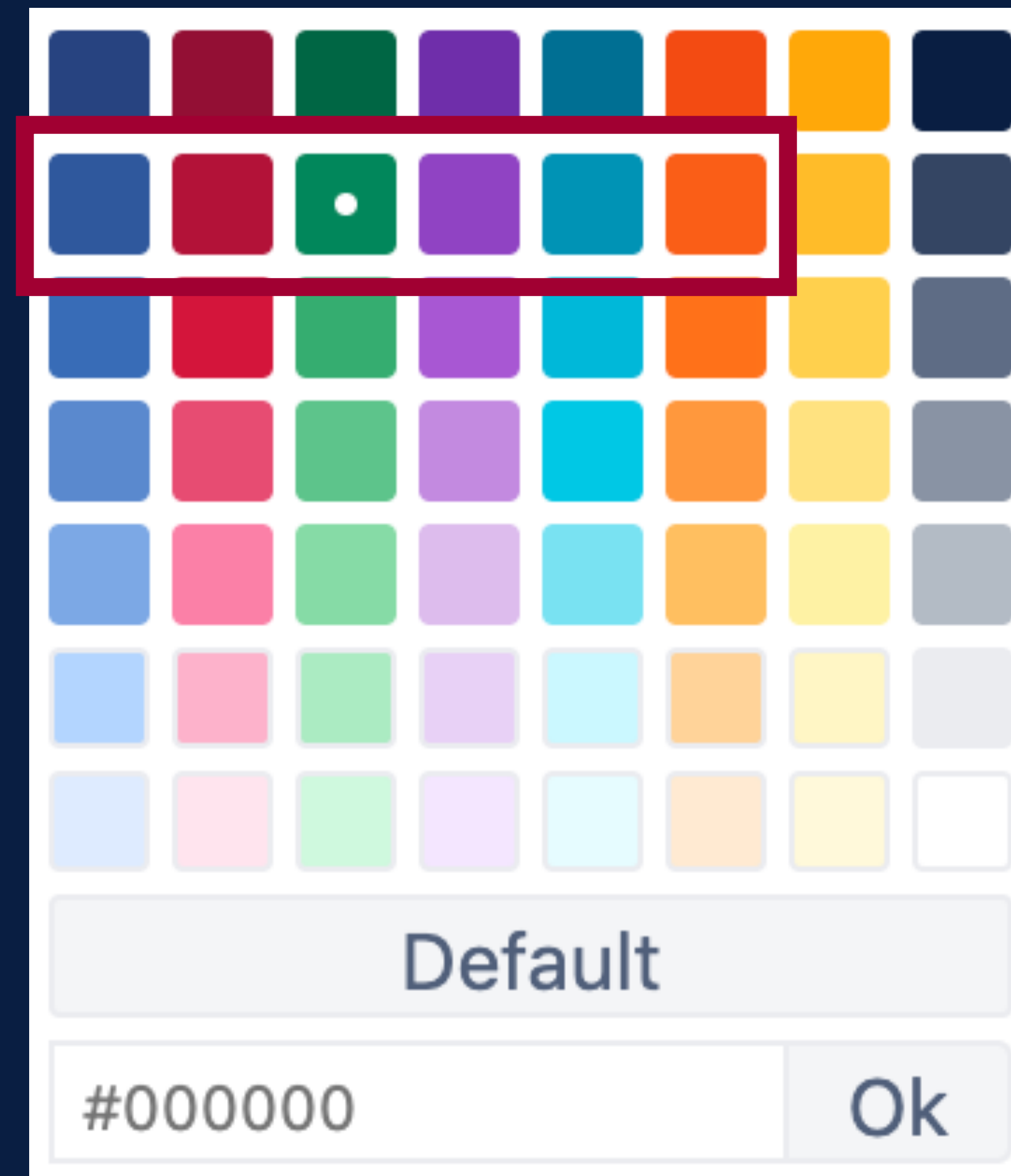
2020

eazyBI 6

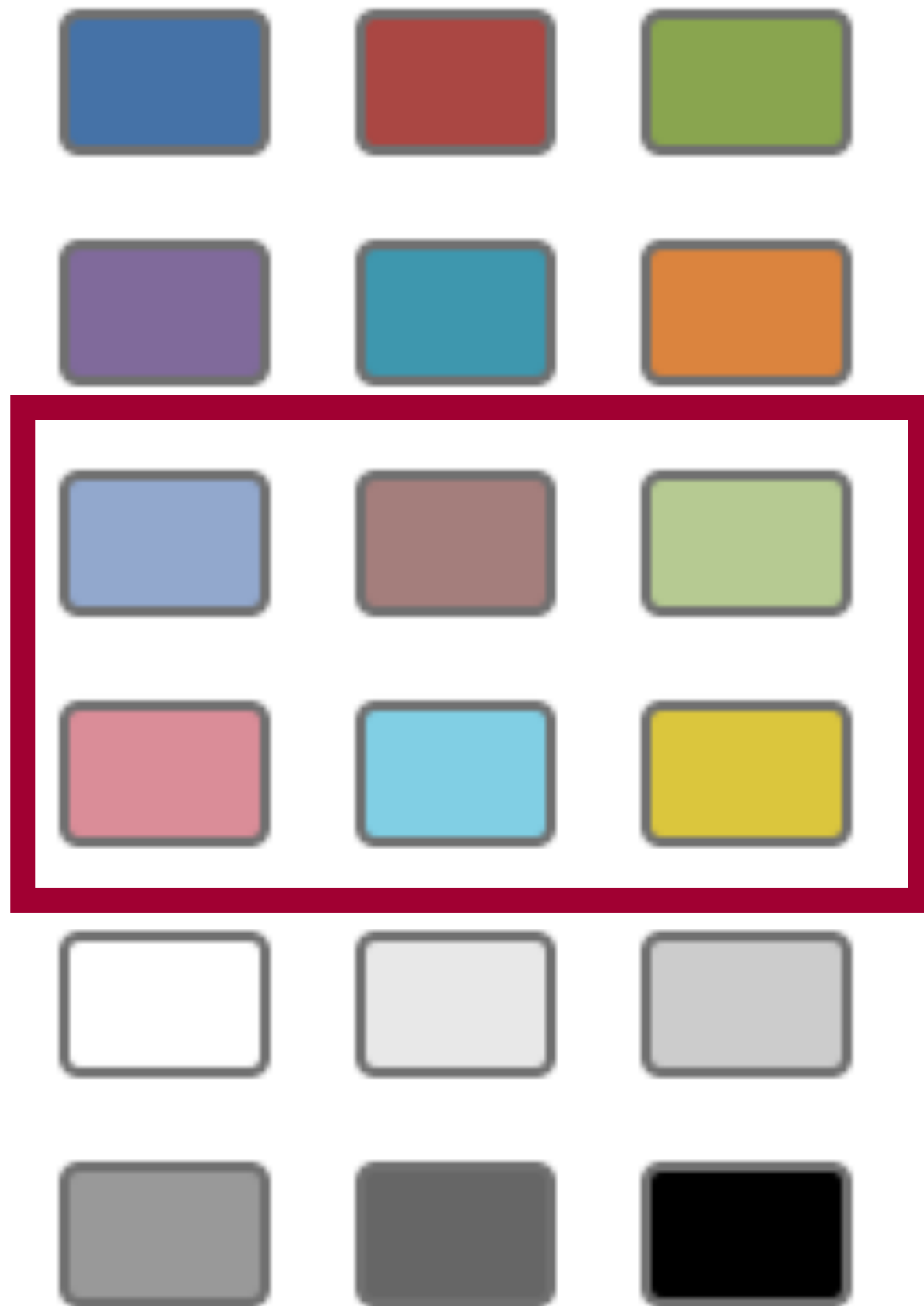
OLD COLORS



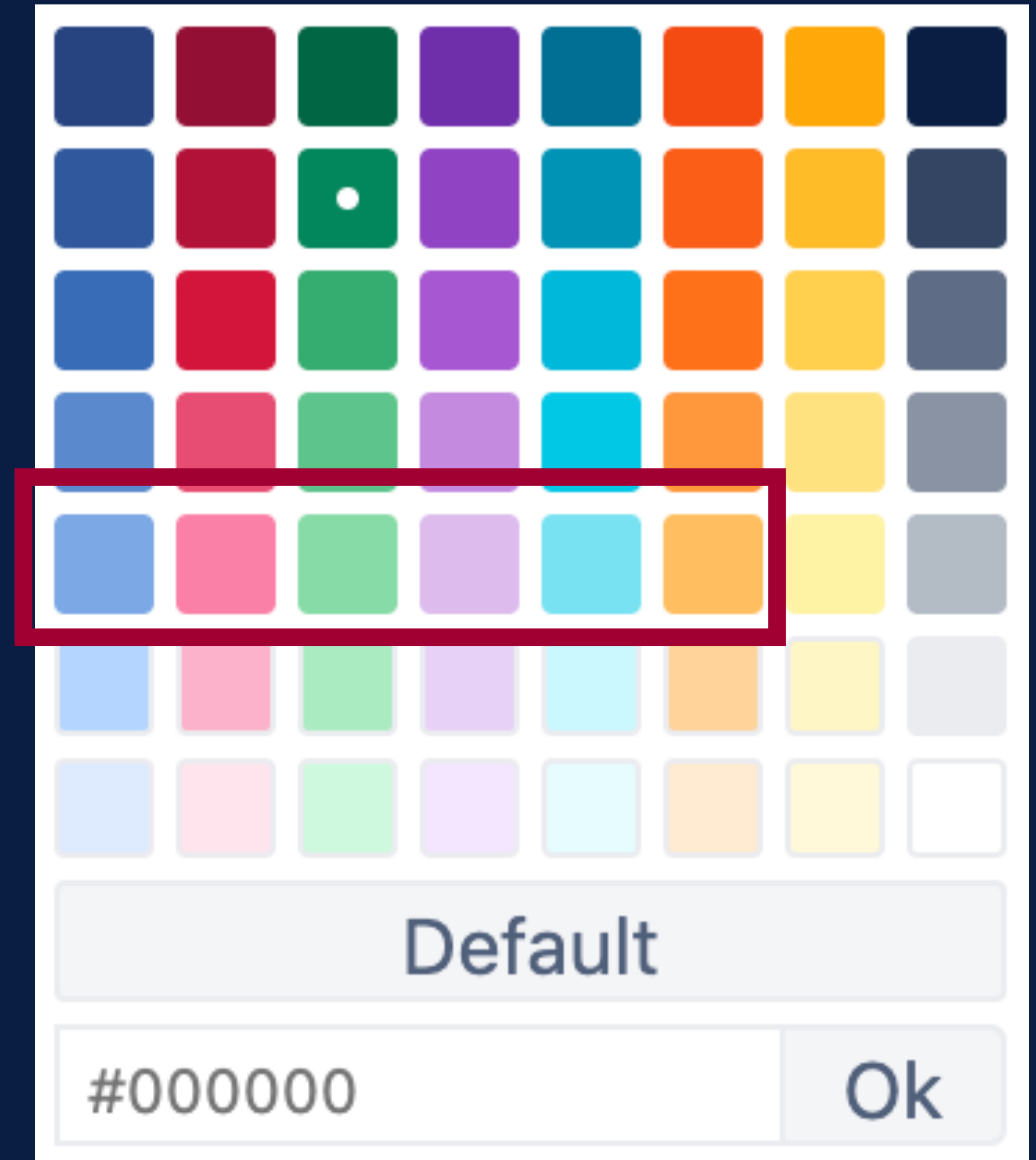
NEW COLORS



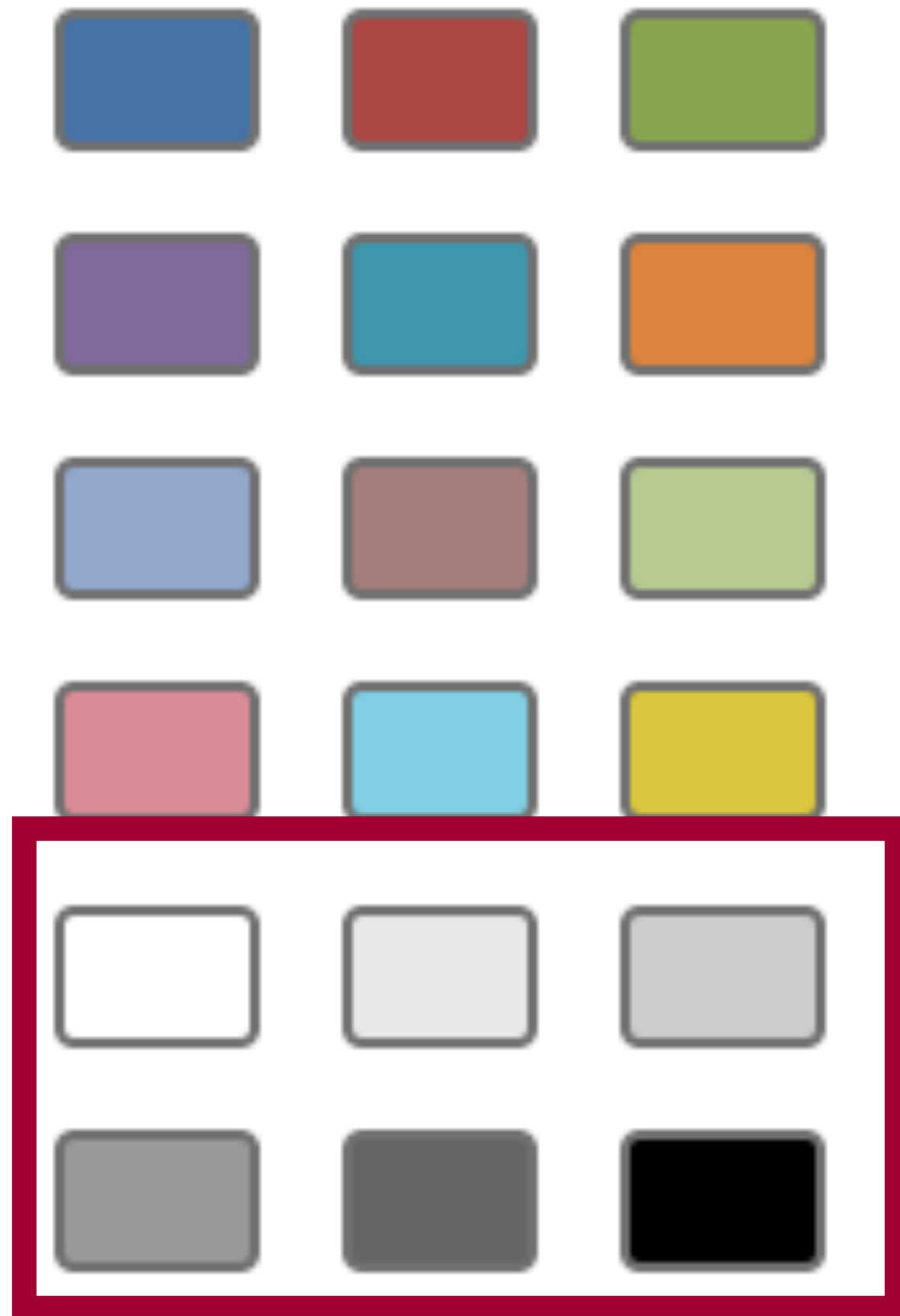
OLD COLORS



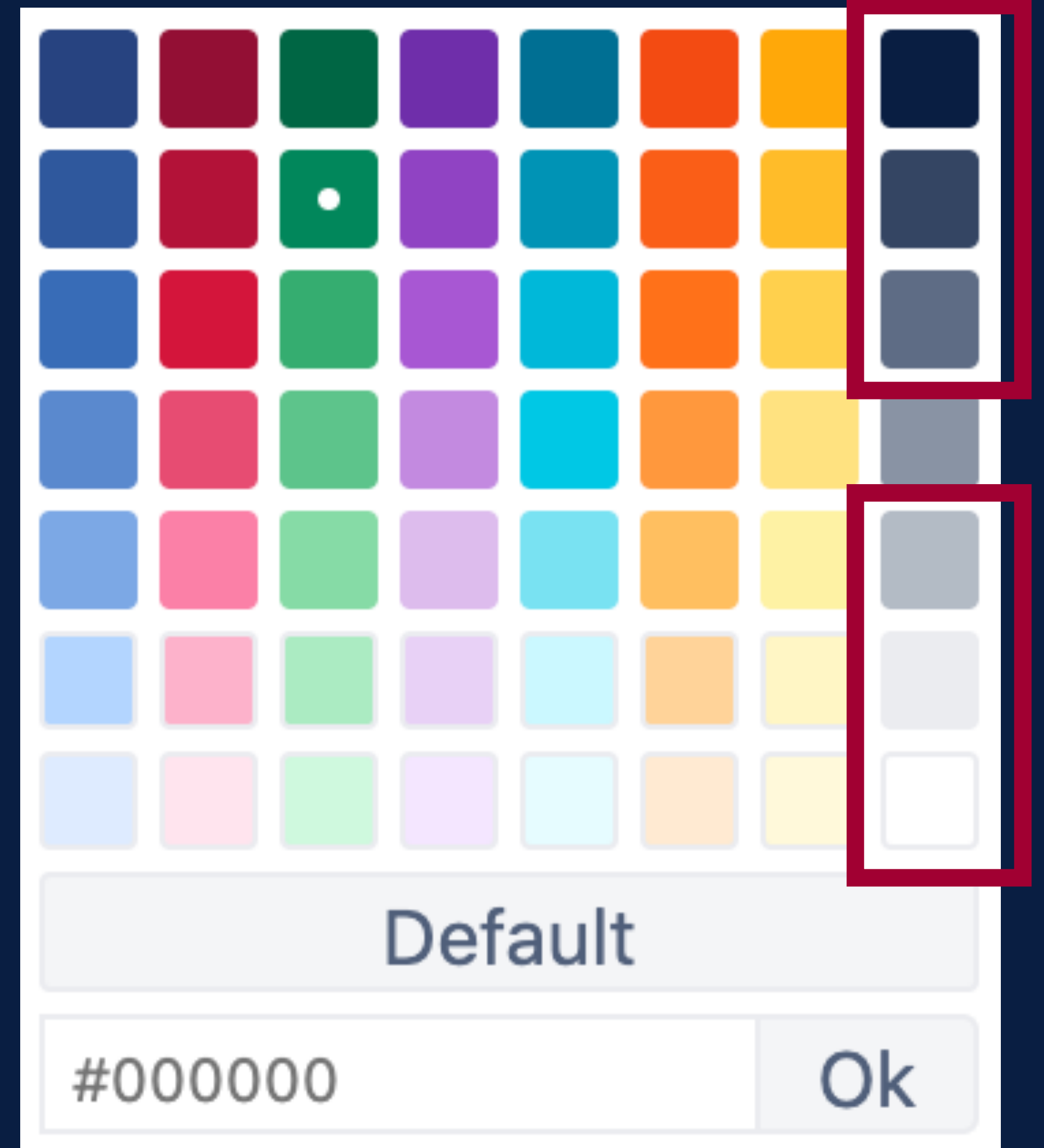
NEW COLORS

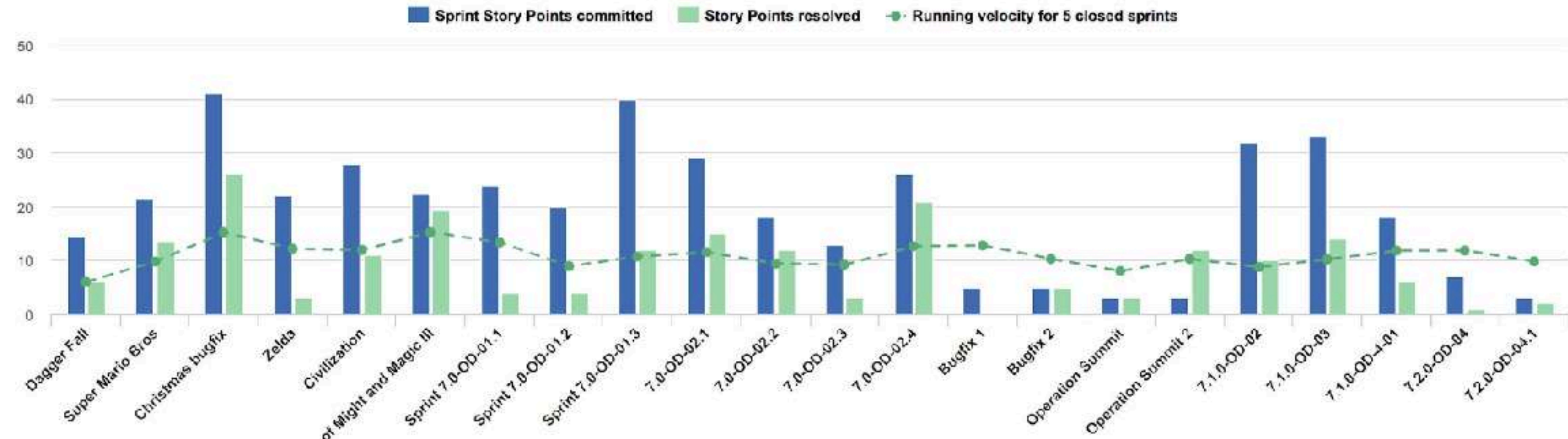
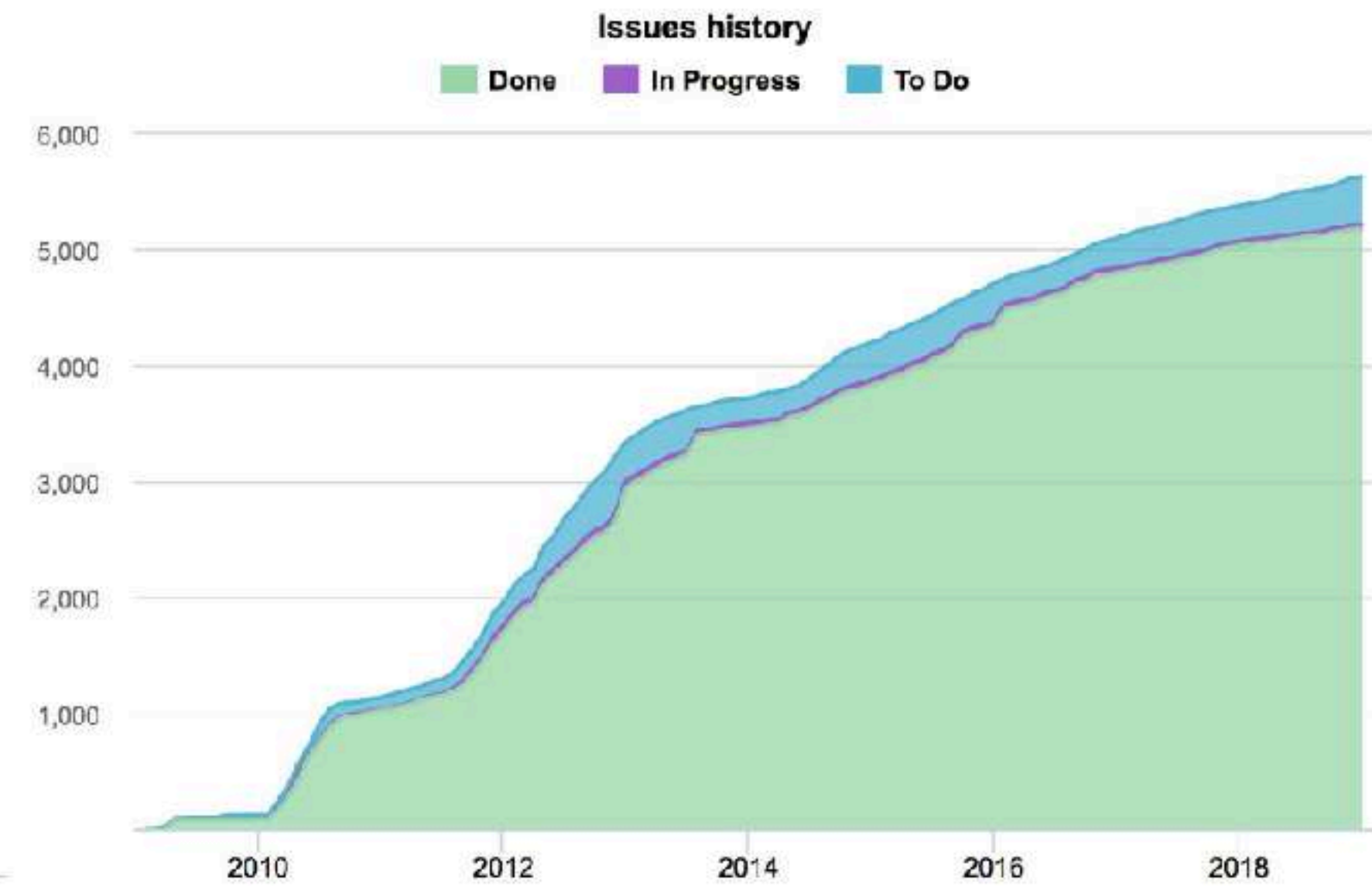


OLD COLORS

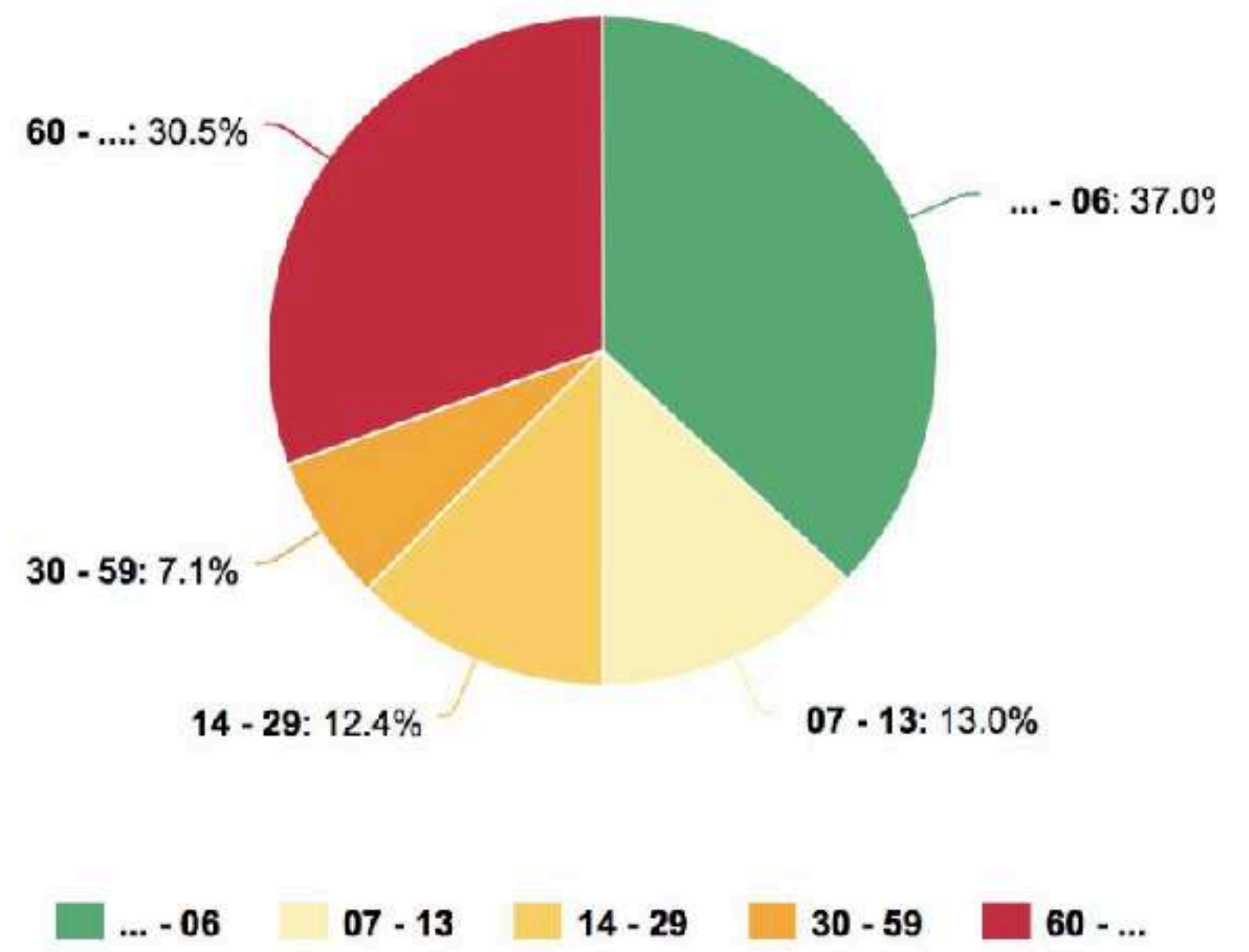
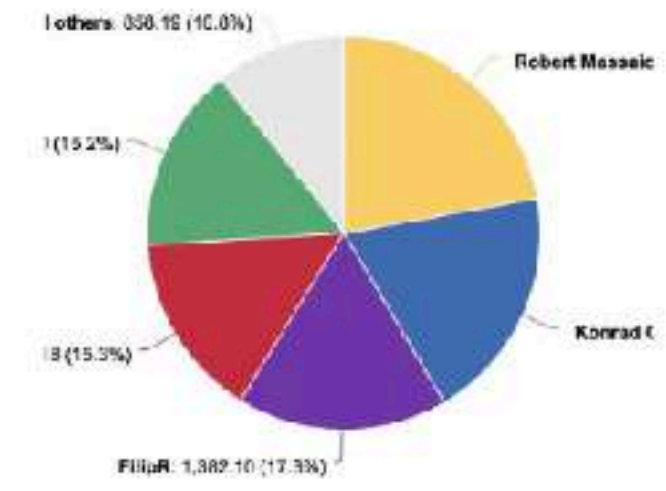
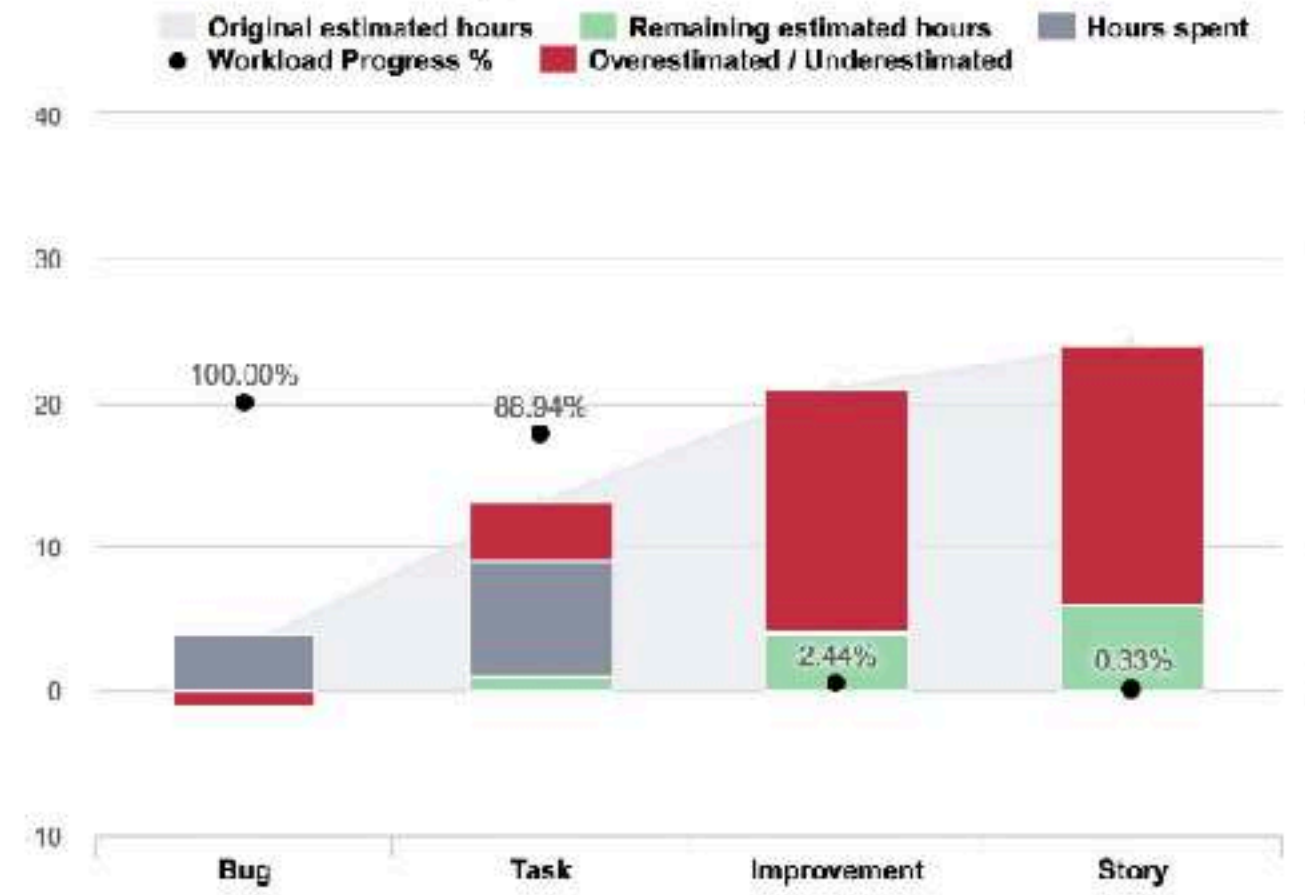
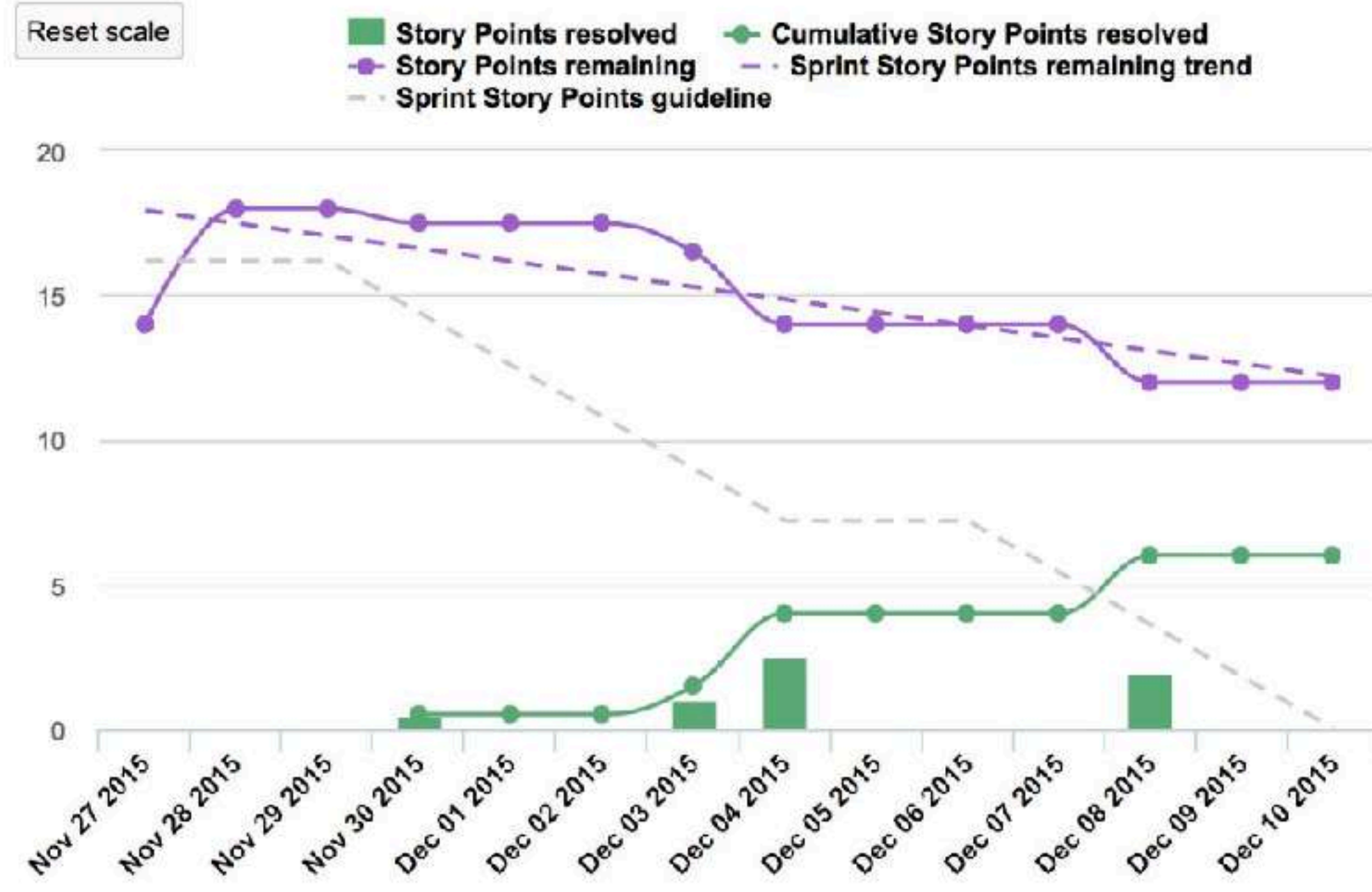


NEW COLORS



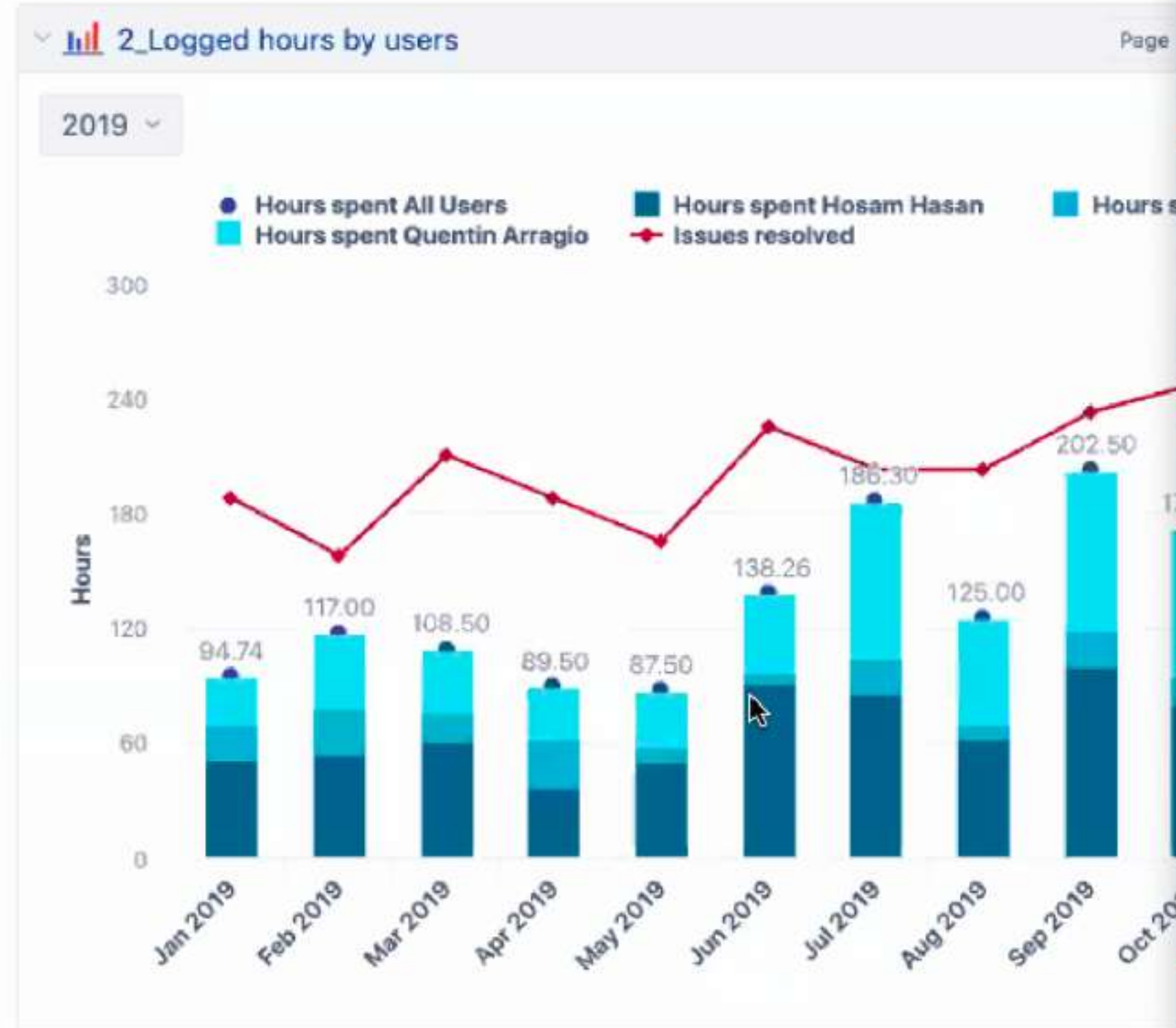


Issues resolved: 5,155



Add report Expand all Collapse all Add description Save changes Copy dashboard Delete dashboard

- Beta
 - All Projects
 - + Alpha
 - + Beta
 - + First project
 - + Scrum Team
- single multiple
remove common



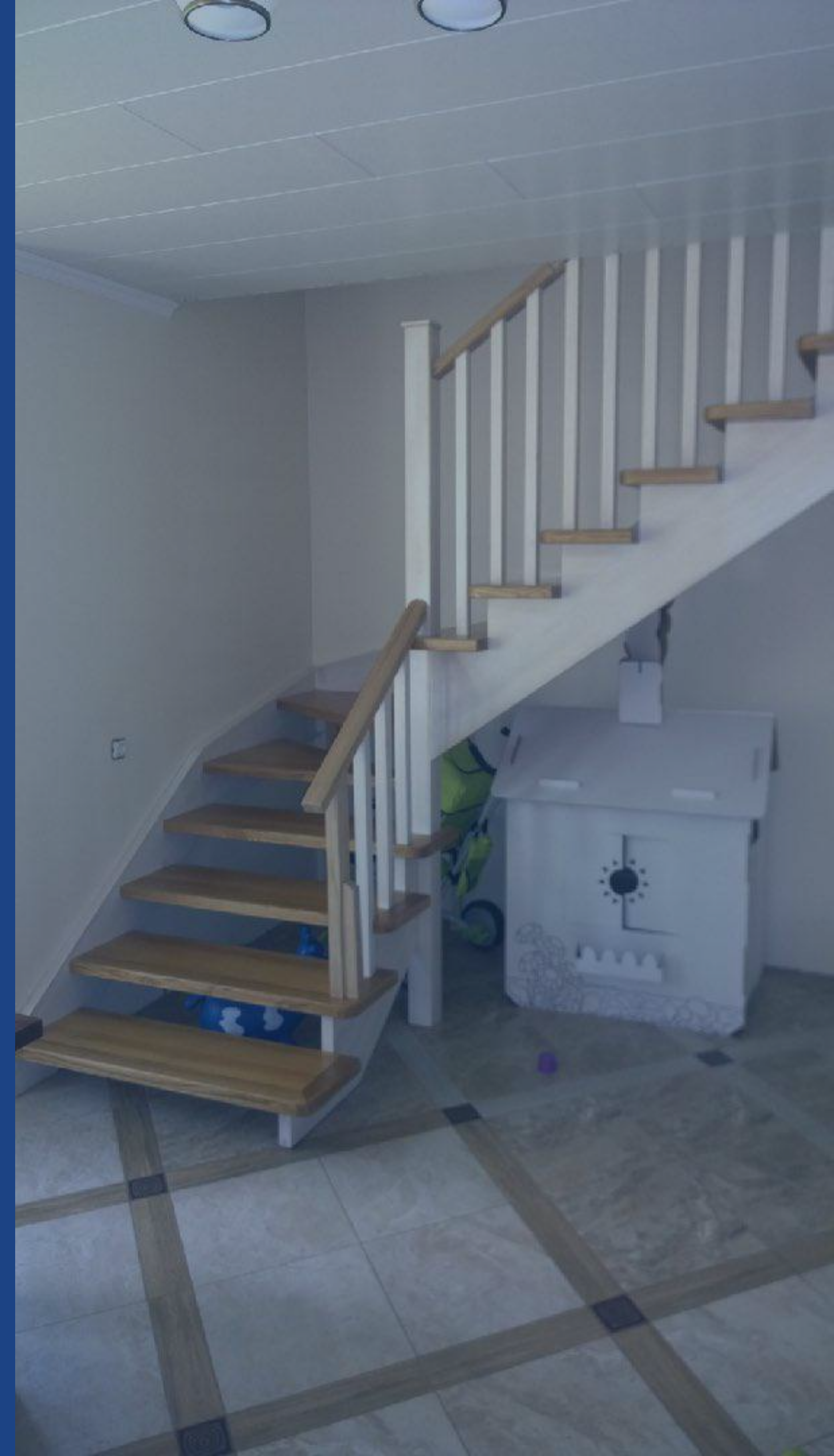
3_Top issues

Issue Description	Hours spent	Original estimated hours	Average resolution days
BE-370 Eider Trident caduceus values Alighieri clicking Sufism's handing	31.50		114.68
BE-353 Fuzziness's rocketed strait's pocked publisher's	26.00	8.00	0.50
BE-339 Demonstration Messianic softball nonconformity pyrite cisterns pressurizing minstrels	20.50		0.38



To improve

Customers ask



Client support emails



A screenshot of the Help Scout web interface. The top navigation bar includes "Mailboxes", "Docs", "Reports", and "Manage" with dropdown arrows, along with notification, chat, and search icons. On the left, a sidebar for "J&G Clothing" lists folders: "Unassigned" (2), "Mine", "Drafts" (1), "Assigned" (9), "Closed", "Spam", "FOLDERS", "VIP Conversations" (1), "Waiting 6 Days" (9), and "Sales". The main area shows an email thread titled "Ties out of stock?" with a "vip x" badge and "66291 ACTIVE" status. The thread includes: a "You replied" message from Kellie Harding (29 min ago) with the text "Hi Mark! I'm really sorry, but our plaid ties are out of stock until next week. Would you like for me to put several on hold for you when the new stock comes in? Let me know! Thanks!" and a note "Customer viewed today @ 5:25pm"; a "Jay McDonald added a note" (3 hrs ago) with the text "@Kellie can you please help Mark while I'm away? Would love to set up a saved reply for answering these questions in the future."; and a "Mark Smithson started the conversation" (8 hrs ago) with the text "Hi! I'm really keen to get my hands on a box of the plaid ties, but I can't seem to find them on your website. Are they in stock?" and the name "Mark". On the right, a customer profile for "Mark Smithson" (hello@abcwidgets.com, Portland, Oregon, United States) is shown, along with "Previous Conversations" (e.g., "Re: This year's mens summer collection") and a list of integrations including "Shopify" and "HubSpot".

Recent

0

All



3

Subject	Created	Last activity ↓	Last answer by	Threads	Preview
Re: EazyBI Troubleshooting Sync	4 months ago	4 months ago	 John Doe	5	Who we need on the call (2 People - I will also join the call) The person from EazyBI that is troubleshooting the issue or that is familiar with it And A person from IT that have full access to...
undefined method `[]' for nil:NilClass	4 months ago	4 months ago	 Jānis Liepa	1	undefined method `[]' for nil:NilClass undefined method `[]' for nil:NilClass undefined method `[]' for nil:NilClass undefined method `[]' for nil:NilClass undefined method `[]' for nil:NilClass
Action required: Tempo worklog import to eazyBI	about a year ago	about a year ago	 Janis Justaments	1	Hello!Tempo team has improved the Tempo worklog REST API as well as changed the authorization towards this API, see...








Up to 100 last conversations are shown.

[New conversation](#)

Customer and partner community page

eaZyBI Community Sign Up Log In  

all categories ▾ **Categories** Latest Top

Category	Topics	Latest
Questions & Answers Ask your questions when you need help to build eaZyBI reports or import some specific source data. Do not post your sensitive information here. If you are an eaZyBI customer and want to reach eaZyBI support then please contact eaZyBI support .	1512	 Trying to Create Calculated Formula To Count the Amount of Days that A Ticket Has Been Open For 0 1d ■ Questions & Answers
Events Discussions related to specific events organized by eaZyBI. ■ eaZyBI Community Days 2017 ■ eaZyBI Community Days 2018 ■ eaZyBI Community Day 2019 Las Vegas ■ eaZyBI Community Days 2019 Riga	18	 How to get a Count of Date changes 2 1d ■ Questions & Answers jira
Tips & Tricks Useful examples of eaZyBI reports, calculated members, data imports that you would like to share with other eaZyBI users.	16	 Report filtering issues based on parent Epic child issue types 0 1d ■ Questions & Answers calculatedmembers
Feature Requests Please post your ideas about new eaZyBI features or comment and like ideas by others. Please describe the business need why you need any particular feature as it will help eaZyBI team to better understand and prioritize it.	88	 Number of issue with fix version 2 2d ■ Questions & Answers
		 Custom release burndown chart 1 2d ■ Questions & Answers calculatedmembers, jira, mdx
		 Pending ticket counter [HELP] 1 2d ■ Questions & Answers jira
		 Issue with "Web Link" 0 2d ■ Questions & Answers

Show available dimensions

Pages

- > Time
- > Resolution
- > Issue Type

Rows

- > Issue

Nonempty

Columns

Measures

Table Bar Line Pie Scatter Timeline Map Gantt Gauge

Hide empty Top 30 by HelpScout link history All others Total Freeze header Vertical header

All Times Done All Issue Types

	HelpScout ↓ link history	Issue status	Issue type	Average age in status	Issue created date	Issue Last HS date	Issue Component	Linked HelpScout links	Issue Related
EAZYBI-387 Allow using dimension on rows or columns and in Page for filtering	58	Closed	Feature		Dec 18 2014	Dec 18 2014	(none)	16	EAZYBI-494,EAZYBI-16
EAZYBI-310 Add data access roles	28	Closed	Feature		Oct 31 2014	Oct 31 2014	(none)	9	EAZYBI-1328,EAZYBI-313
EAZYBI-15 Select issue links for import as dimension and property	26	Closed	Feature		Mar 03 2014	Mar 03 2014	(none)	1	EAZYBI-1116,EAZYBI-1117
EAZYBI-1109 Option to display only issue summary / or key in all chart types and table view	26	Closed	Improvement		Aug 18 2016	Aug 18 2016	(none)	1	EAZYBI-1595
EAZYBI-1518 Allow to drill into a measure by another dimension level	25	Closed	Feature		Jul 20 2017	Feb 11 2020	Analyze UI,Mondrian	3	EAZYBI-249,EAZYBI-2400
EAZYBI-638 Add standard calculations based on selected measures	24	Closed	Feature		Jul 22 2015	Jul 22 2015	Mondrian	10	EAZYBI-1989,EAZYBI-431,EAZYBI-2998,EAZYBI-747
EAZYBI-1346 Make eazyBI reports in Confluence macros exportable to PDF / image	24	Closed	Feature		Mar 08 2017	Feb 25 2020	Confluence	7	EAZYBI-953
EAZYBI-489 Jira Portfolio integration	23	Closed	Feature		Mar 31 2015	Oct 28 2019	Portfolio for Jira	14	EAZYBI-1417,EAZYBI-2267
EAZYBI-711 Launch a separate child JVM process to which Mondrian query requests are proxied	19	Closed	Feature		Sep 17 2015	Sep 17 2015	(none)		
EAZYBI-672 Zephyr for Jira Cloud	18	Closed	Feature		Aug 18 2015	Aug 18 2015	Zephyr for Jira		
EAZYBI-749 Add custom weekly hierarchy to Time dimension	18	Closed	Feature		Oct 21 2015	Feb 04 2020	Mondrian	62	EAZYBI-1296,EAZYBI-877,EAZYBI-3020,EAZYBI-1666
EAZYBI-888 Incremental REST API / SQL import option	18	Closed	Feature		Mar 02 2016	Mar 02 2016	(none)		

MDX autocomplete

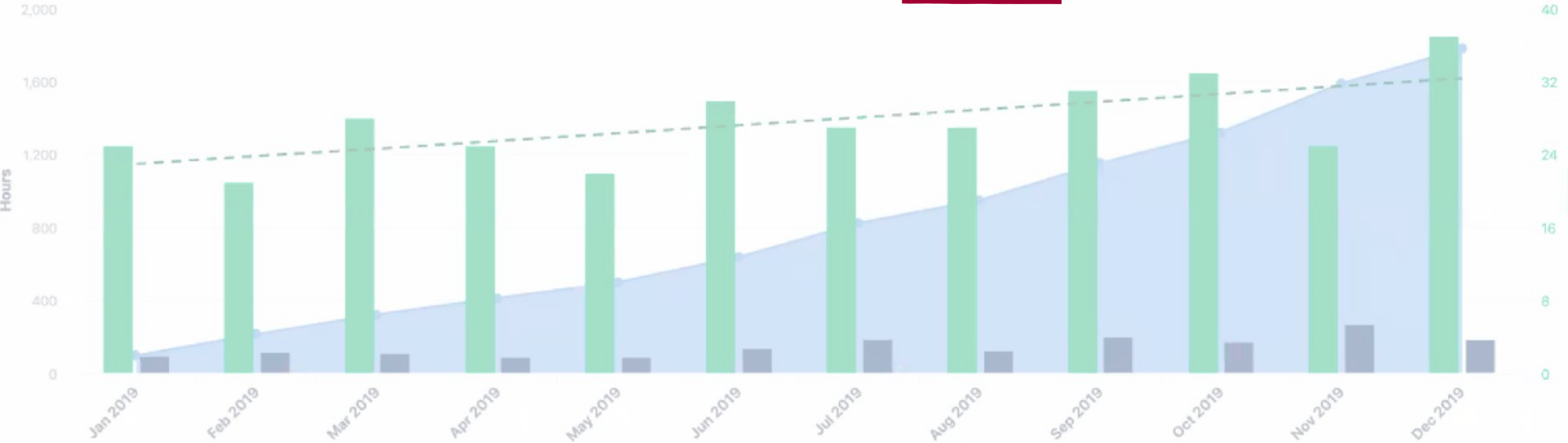
The screenshot displays the 'Define calculated member formula' dialog in the eaZyBI application. The dialog is centered over a dashboard view. The dashboard background shows a grid with dimensions: Project, Reporter, Affects Version, Fix Version, Transition Status, and Transition. The 'Columns' section is active, showing a list of measures under the 'Measures' header. The dialog box contains the following elements:

- Title:** Define calculated member formula
- Formula Input:** [Measures].[New calculated measure] =
- Formula Editor:** A text area with line numbers 1, 2, and 3. The cursor is at the end of line 2.
- Measure List:** A scrollable list of available measures:
 - Measures
 - Project
 - Project.Category
 - Reporter
 - Assignee
 - Issue Type
 - Priority
 - Status
 - Status.Category
 - Resolution
 - Affects Version
 - Affects Version.By name
 - Affects Version.By status
 - Fix Version
 - Fix Version.By name
- Root members Sidebar:** A list of measures on the right side of the dialog:
 - Issues created
 - Issues due
 - Issues resolved
 - Issues closed
 - Issues with due date
 - Issues last updated
 - Original estimated hours
 - Remaining estimated hours
 - Issues created count
 - Issues due count
 - Issues resolved count
 - Issues closed count
 - Hours spent
 - Issues with hours spent
- Buttons:** 'Create' and 'cancel' buttons at the bottom right.

Drag at least one dimension to columns and one dimension to rows to query data.

Drill into

	HelpScout link history ↓	Issue status	Issue type
EAZYBI-1518 Allow to drill into a measure by another dimension level	25	Closed	Feature



Gantt chart improvement

	HelpScout link history	Issue status	Issue type
EAZYBI-286 Add Gantt chart views Weekly, Quarterly, Yearly	15	Closed	Improvement

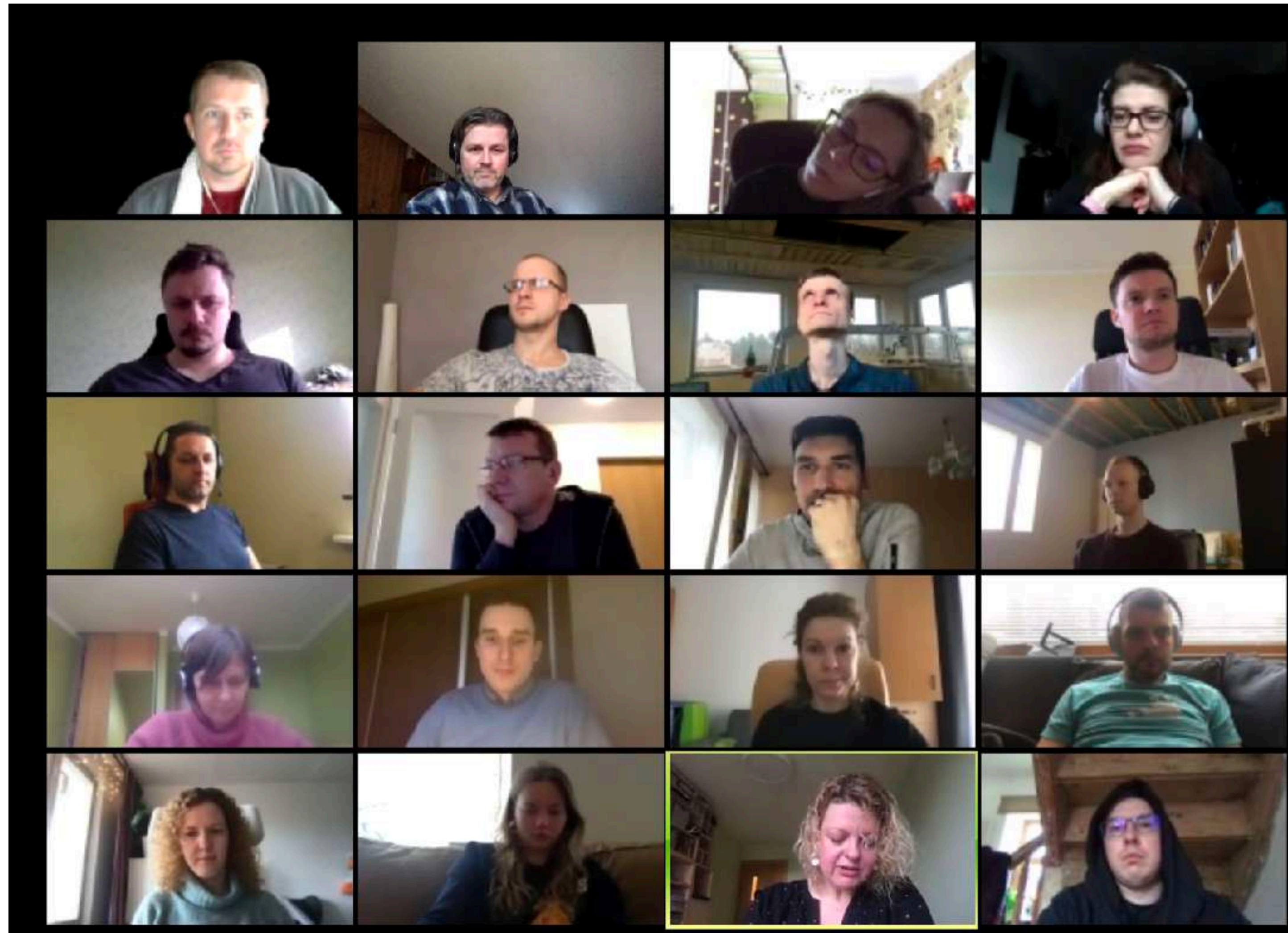
Conventions & Usability

When we have problems

Our team in action



Our team in action



BREADCRUMBS

2017
eazyBI 4.4



The screenshot shows the breadcrumb navigation bar of the eazyBI application. The top navigation bar includes the eazyBI logo, menu items for Home, Source Data, Analyze, Dashboards, and JIRA, and user controls for JIRA reports, help, settings, and a user profile. The breadcrumb path is: Issues > Samples > Sample created vs resolved issues. A mouse cursor is hovering over the 'Samples' breadcrumb. Action buttons for Save, New, Open, and a menu icon are visible on the right side of the breadcrumb bar.

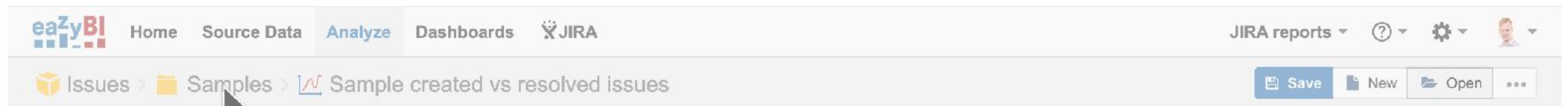
SERIOUSLY?



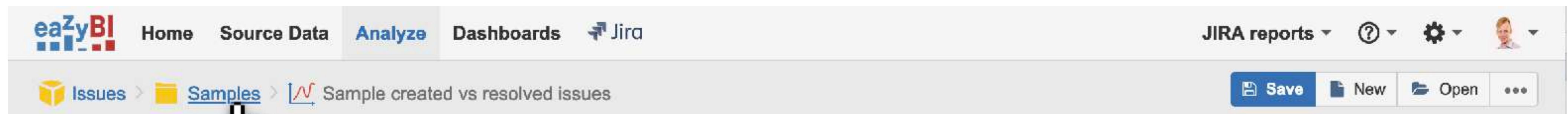
makeameme.org

BREADCRUMBS

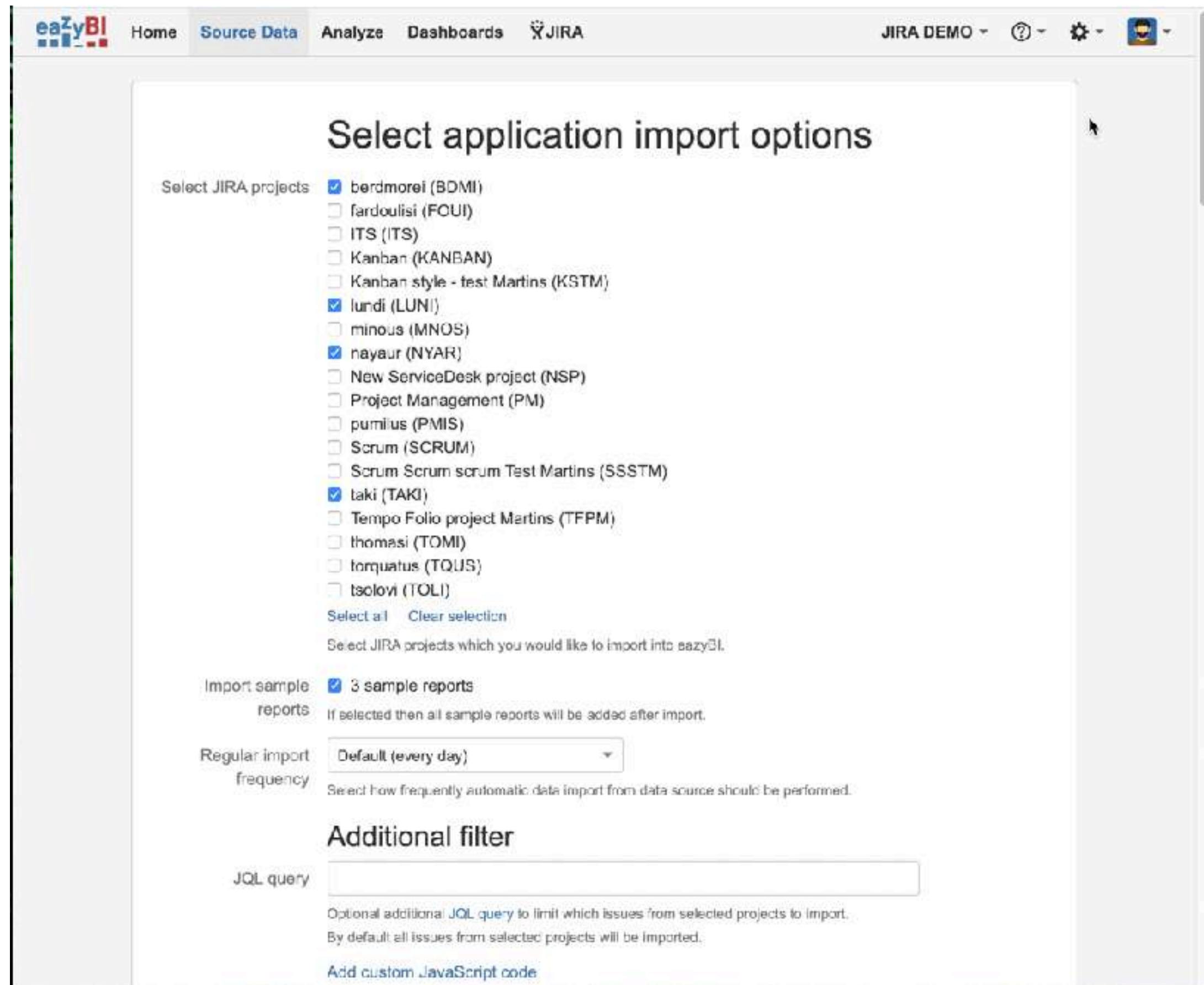
2017
eazyBI 4.4



2018
eazyBI 4.5.0

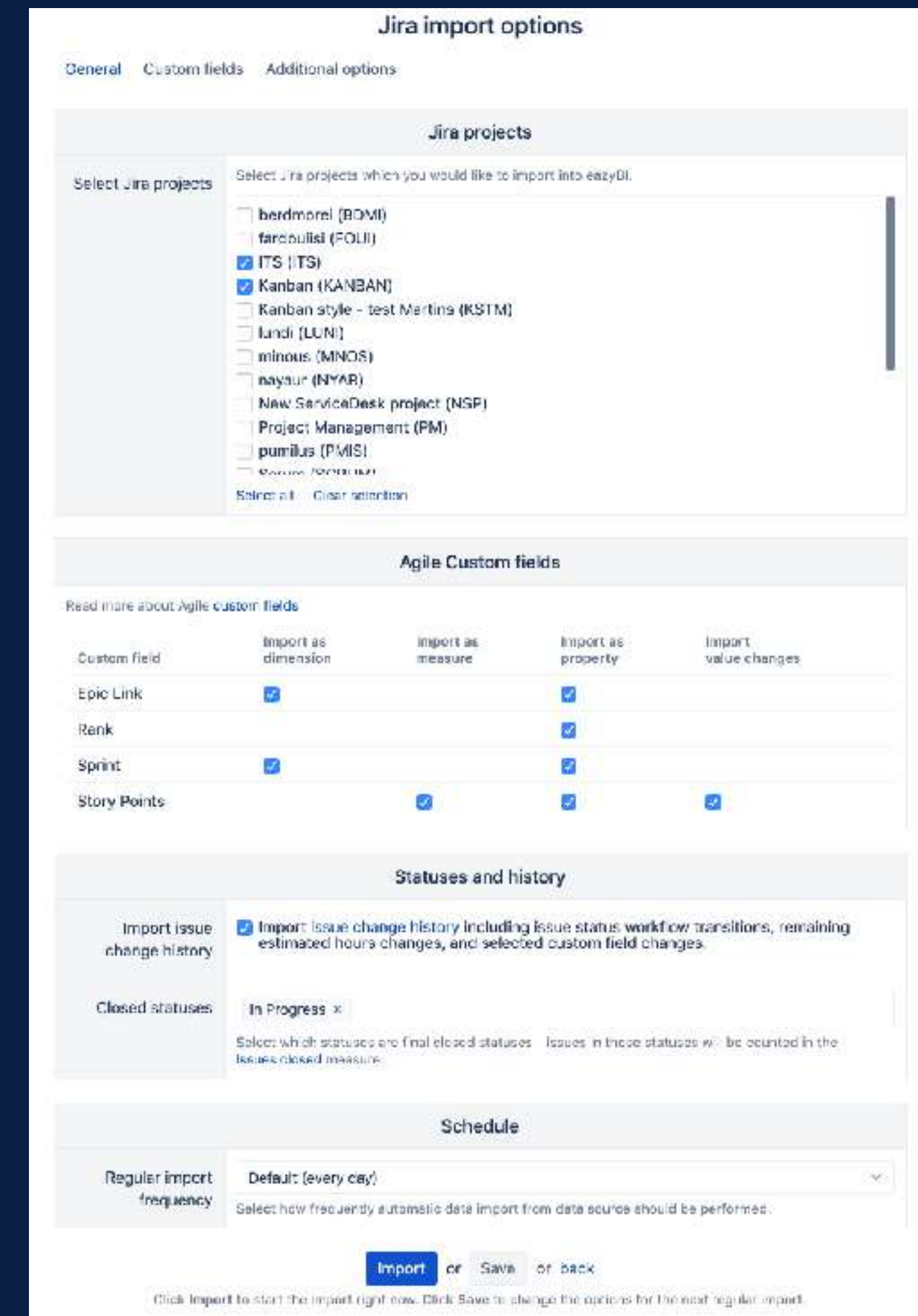


BEFORE



2017
eazyBI 4.3

NOW



2020
eazyBI 6

BEFORE

Status	Actions
Importing	 <input data-bbox="1226 814 1502 902" type="button" value="Importing..."/>

2019

eazyBI 4.7



NOW

Status	Actions
Imported 1000 issues	Importing...

Later in 2019

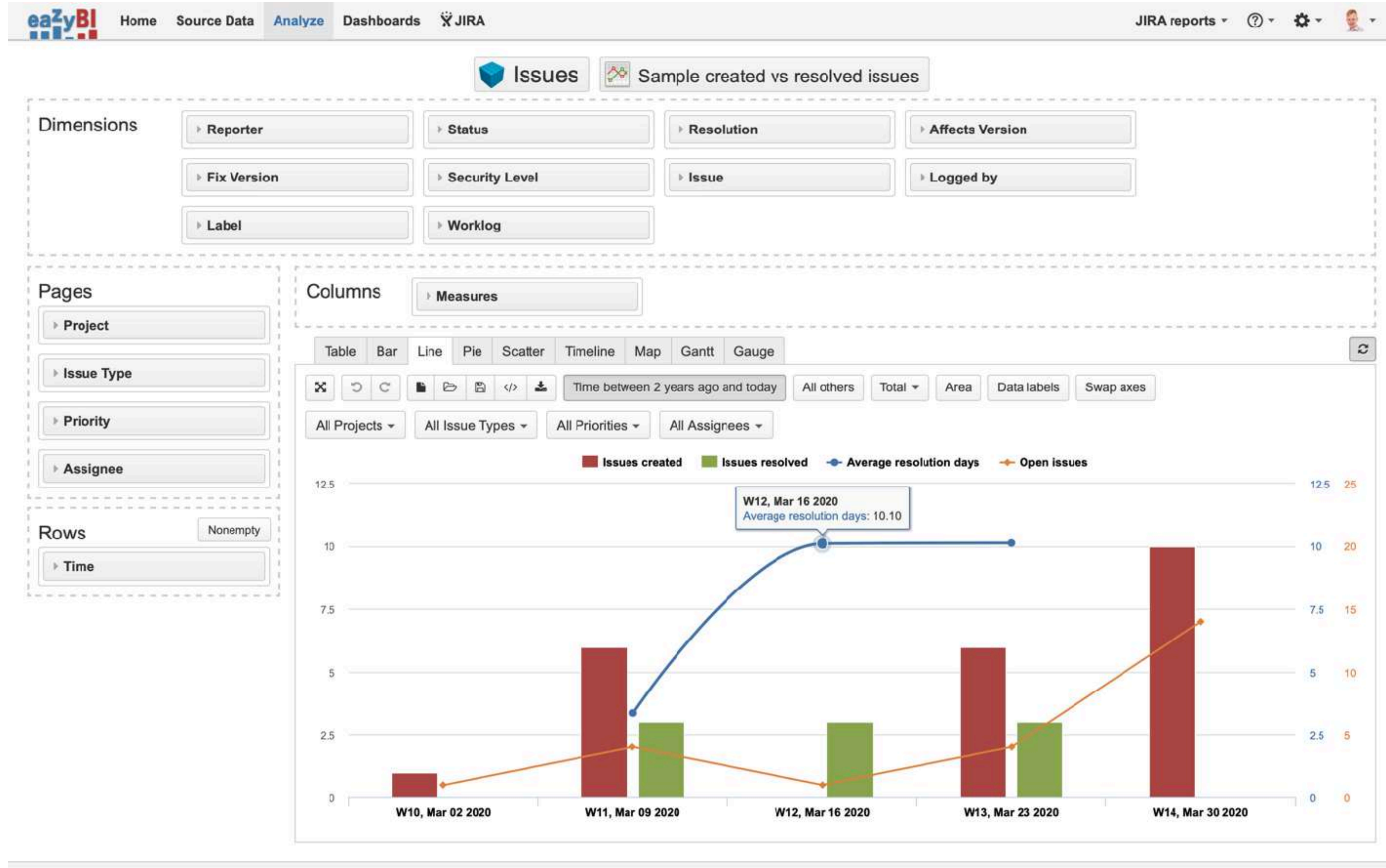
eazyBI 5.0.0



To make everything SEXIER*

*excitingly appealing; glamorous

BEFORE



NOW

Show available dimensions

Pages

> Project

> Issue Type

> Priority

> Assignee

Rows

Nonempty

> Time

Columns

> Measures

Table Bar Line Pie Scatter Timeline Map Gantt Gauge

Hide empty rows Time between 2 years ago and today All others Total Area Data labels Axes options Font size

All Projects All Issue Types All Priorities All Assignees



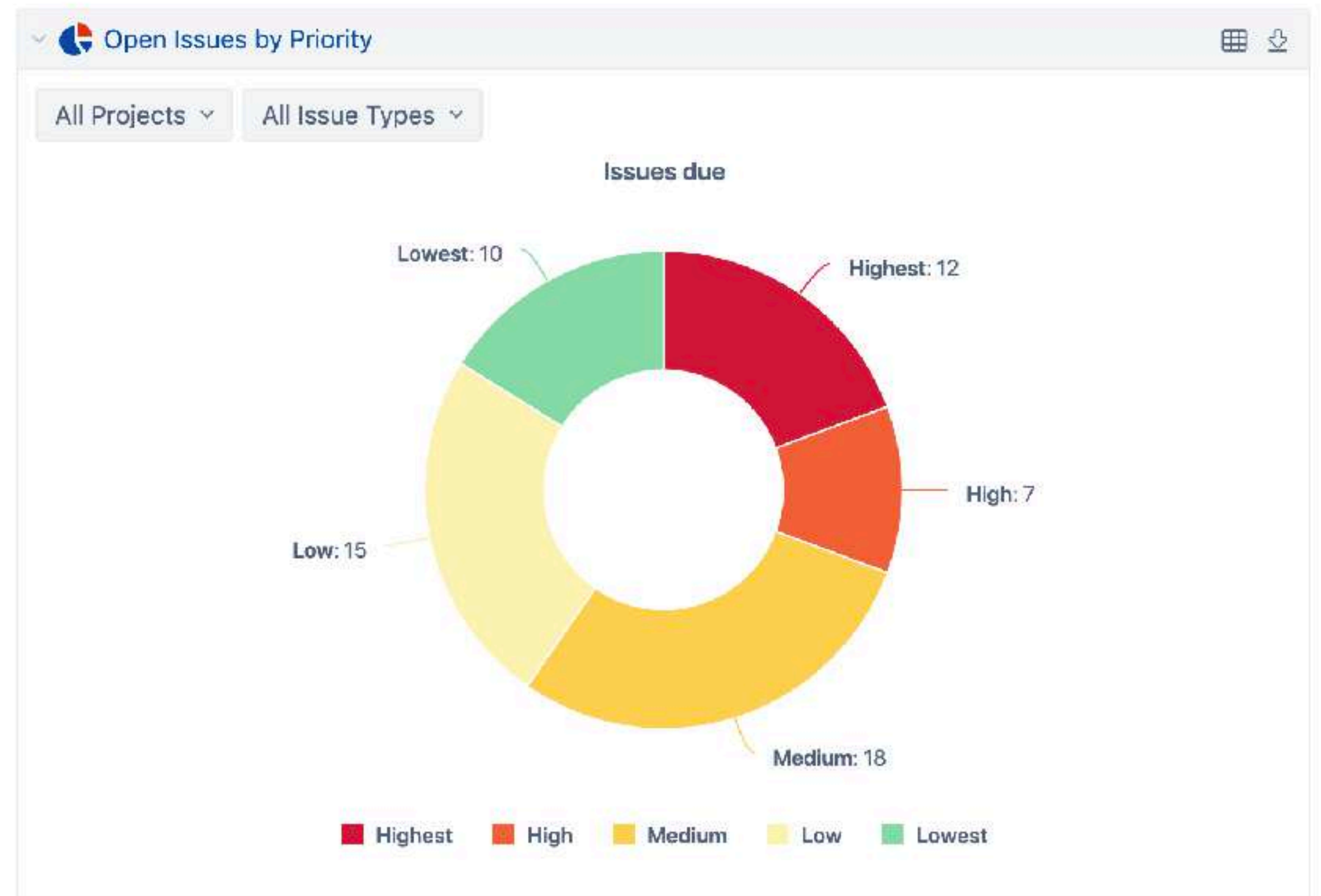
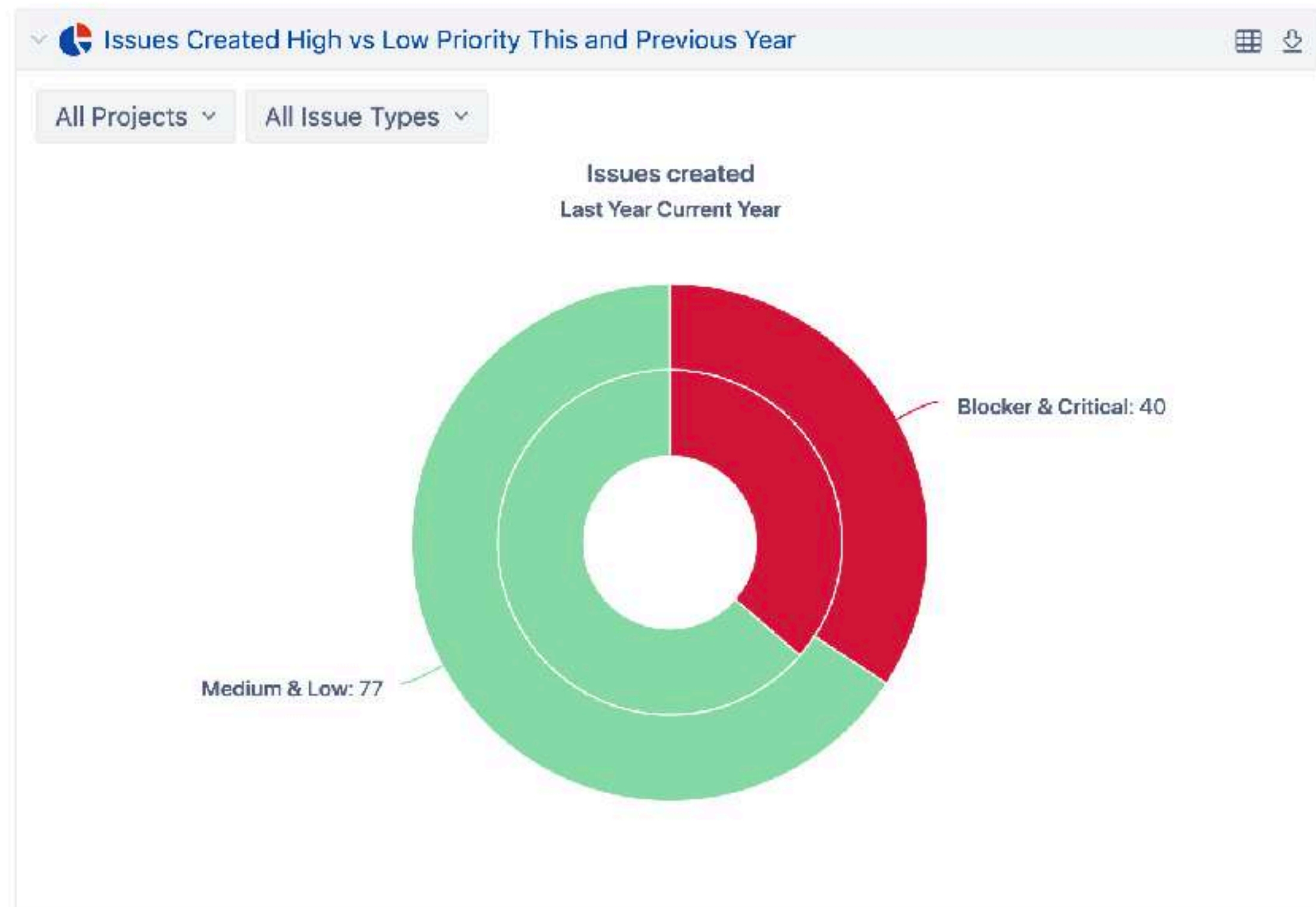
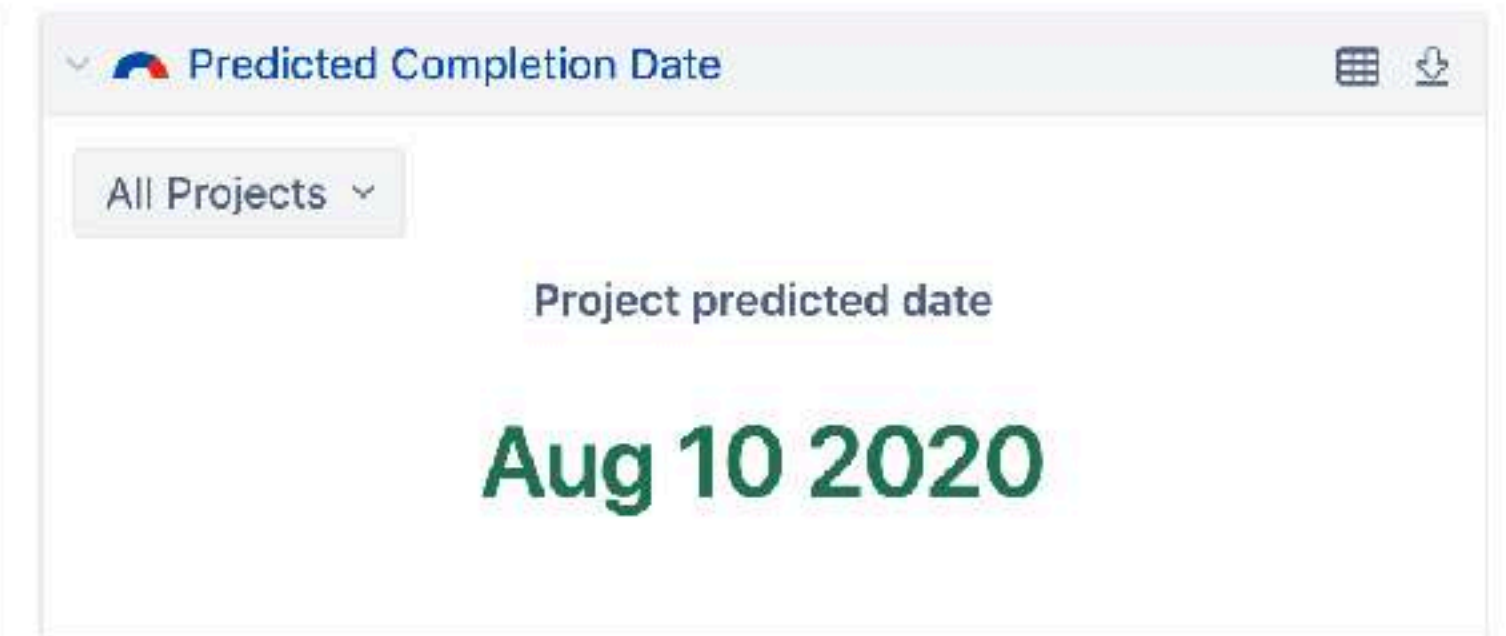
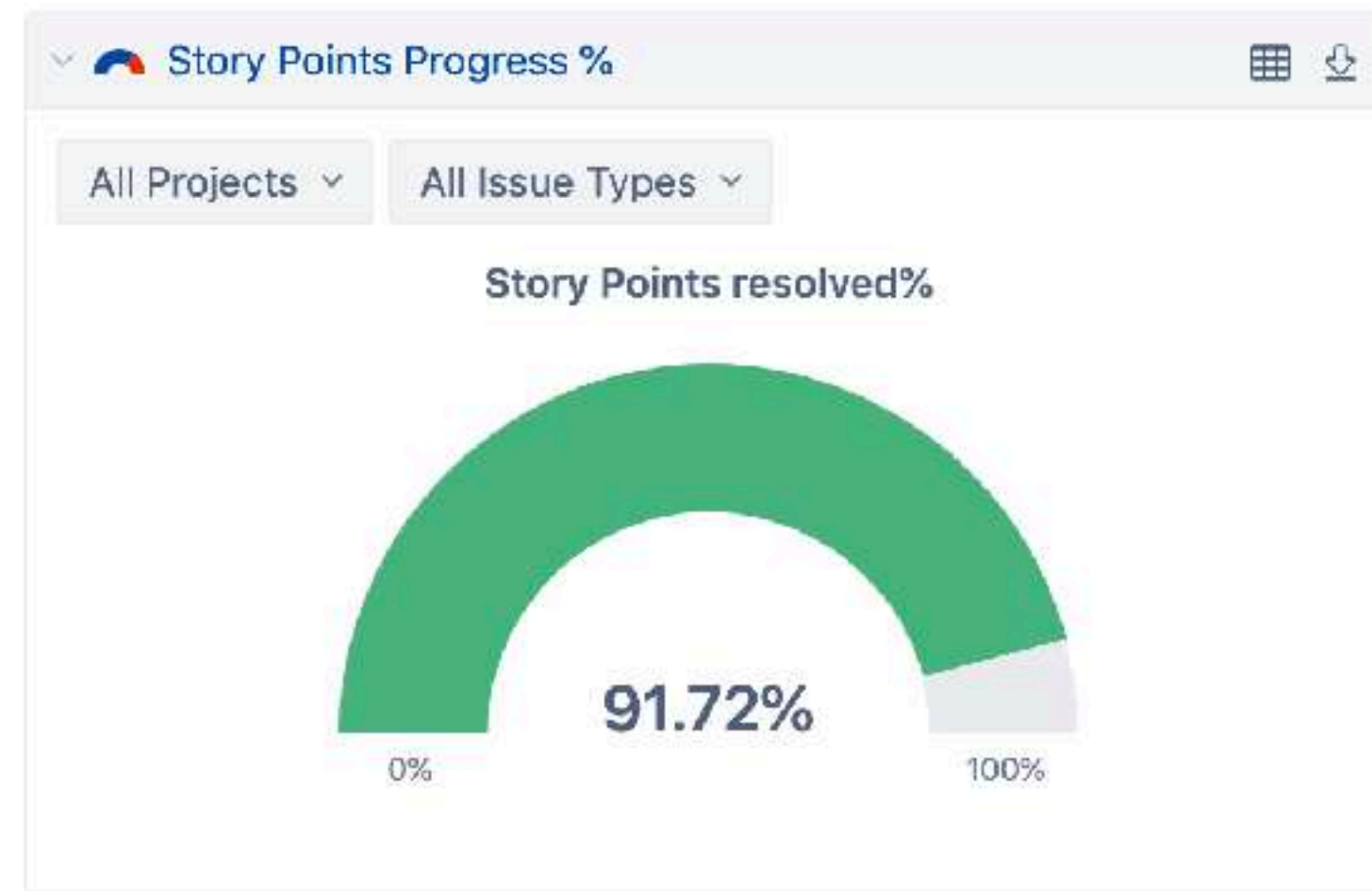


Chart Types

Issues Created vs Resolved (Gauge)

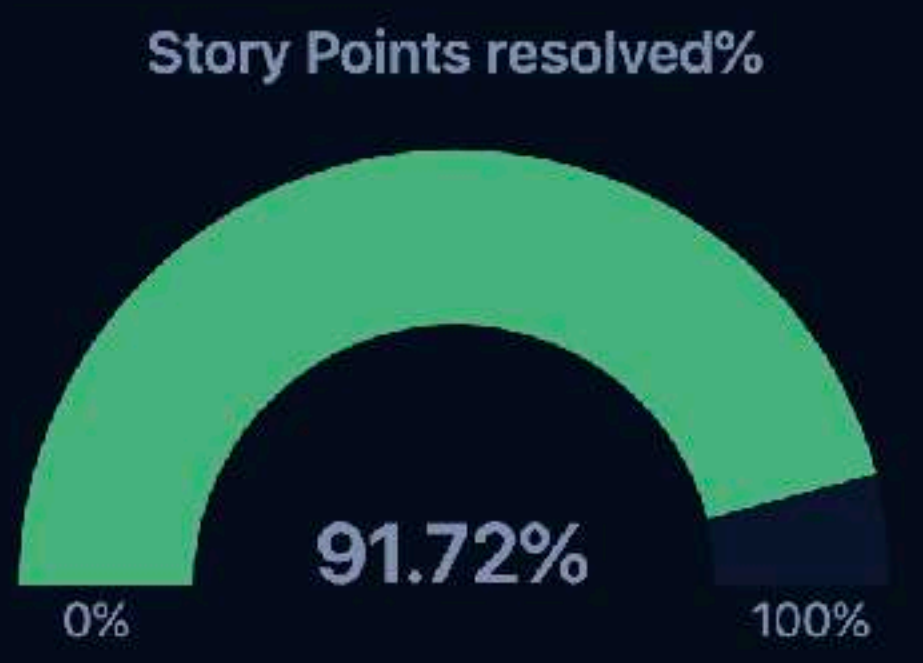
All Projects ▾



Story Points Progress %

All Projects ▾

All Issue Types ▾



Predicted Completion Date

All Projects ▾

Project predicted date

Aug 11 2020

Issues Created High vs Low Priority This and Previous Year

All Projects ▾

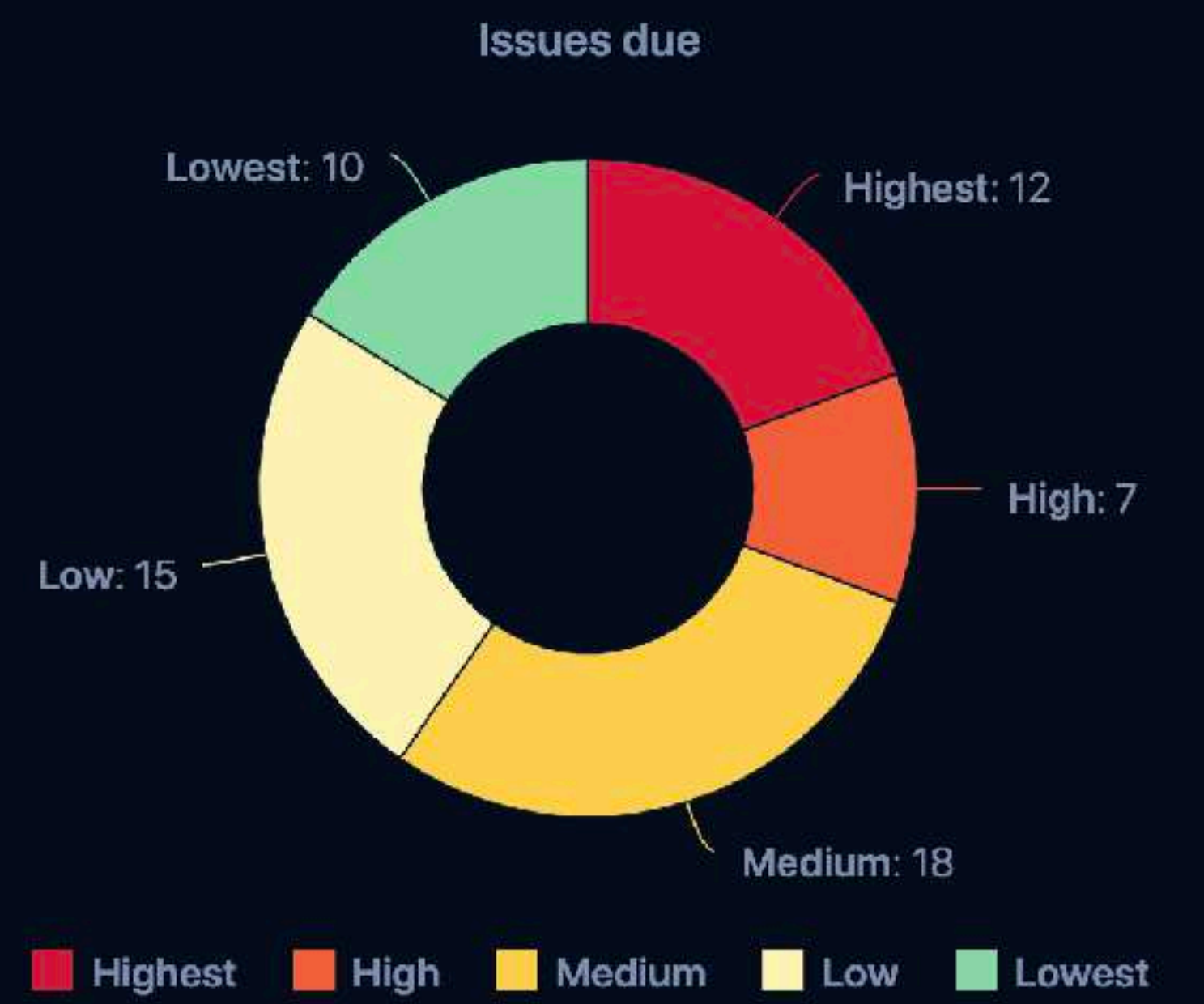
All Issue Types ▾



Open Issues by Priority

All Projects ▾

All Issue Types ▾



BEFORE

Table Bar Line Pie Scatter Timeline Map Gantt Gauge

Hide empty rows Time between 2 years ago and today

All Projects All Issue Types All Priorities All Assignees

Time	Issues created	Issues resolved	Average resolution days	Open issues
+ W10, Mar 02 2020	1			1
+ W11, Mar 09 2020	6	3	3.36	4
+ W12, Mar 16 2020		3	10.10	1
+ W13, Mar 23 2020	6	3	10.12	4
+ W14, Mar 30 2020	10			14

AFTER

Table Bar Line Pie Scatter Timeline Map Gantt Gauge

Hide empty rows Time between 2 years ago and today

All Projects All Issue Types All Priorities All Assignees

	Issues created ↕	Issues resolved	Average resolution days	Open issues
+ W10, Mar 02 2020	1			1
+ W11, Mar 09 2020	6	3	3.36	4
+ W12, Mar 16 2020		3	10.10	1
+ W13, Mar 23 2020	7	3	10.14	5
+ W14, Mar 30 2020	9			14

ITS JUST SO PRETTY



ITS JUST SO BEAUTIFUL

Takeaways

Simplicity is the end result of long, hard work, not the starting point.

Frederick Maitland

Customers have voice

And we listen

Takeaways

Simplicity is the end result of long, hard work, not the starting point.

Frederick Maitland

Customers have voice

And we listen

Just when we think we have covered all the bases, there's always just one..more..thing.

Steve Krug

Steve Krug



**DON'T
MAKE
ME
THINK**
revisited

and Mobile
A Common Sense Approach to Web Usability

<https://www.sensible.com/dmmt.html>

Thank you!

eazybi-community.slack.com