Cloudera Data Visualization 7.2.4

Custom Colors

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Contents

Managing custom colors

In Cloudera Data Visualization, users with administrative privileges can define custom color palettes as another choice for styling visuals and applications.

Anyone can use a custom color in a visual immediately after and administrator creates it. Administrators can also edit and delete custom colors.

Custom color palettes may be defined as a series of distinct colors, gradients with values, and gradients with percentages.

Note: This feature is only available to users with administrative privileges.

Related Information

Creating new custom colors

Editing custom colors

Deleting custom colors

Creating custom colors with distinct colors

Creating custom colors with gradient values

Creating custom colors with gradient percentages

Creating new custom colors

About this task

To define a custom color, follow these steps.

Procedure

1. Click the Gear icon on the main navigation bar to open the Administration menu, and select Custom Colors.

- Set Homepage
- Job Status

Site Administration:
- Activity Log
- Users & Groups
- Manage Roles
- Manage URL Aliases
- Manage API Keys
- Email Templates
- Custom Styles
- Custom Colors
- Custom Dates
- Static Assets
- Site Settings
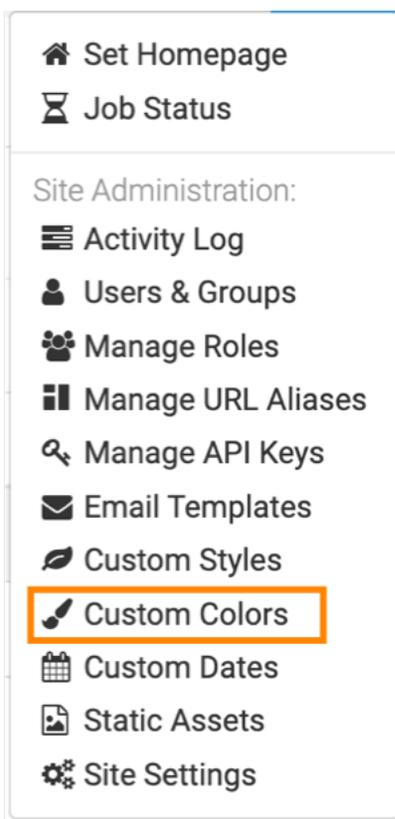
2. In the Manage Custom Colors interface, click NEW CUSTOM COLOR.
3. In the New Custom Color interface, add a name and a description for the new color.
4. Define one of the color types:

   - *Distinct colors*
   - *Gradient colors - with values*
   - *Gradient colors - with percentages*

5. Click SAVE.
6. Click the Custom Colors tabe to return to the Custom Colors interface.

Example

The custom colors appear in the Settings Palette menu, next to the default colors.

Related Information

Creating custom colors with distinct colors

In Cloudera Data Visualization, users with administrative role can define distinct color custom color palettes.

About this task

Perform these actions in the New Custom Color interface:

Procedure

1. Enter the Name of the new color.

   In this example, Leaf is used.
2. You can add a description for the new color.
3. In Color Scale Type, choose Distinct.
4. For Color 1, enter a hexadecimal color code.

   In this example, #25351f is used.

5. Click ADD MORE.

6. For Color 2, use the color picker.

In this example, the color #76ce1b has been picked.

Custom Colors /

New Custom Color

⬇ SAVE

Name: Leaf

Description:

Color Scale Type :   ⦿ Distinct   ○ Gradient - with values   ○ Gradient - with percentages

Color 1: ◼ ▾ ✕

Color 2: 🟩 ▾ ✕

✚ ADD MORE

PASTE COLOR

#76ce1b

CANCEL   OK
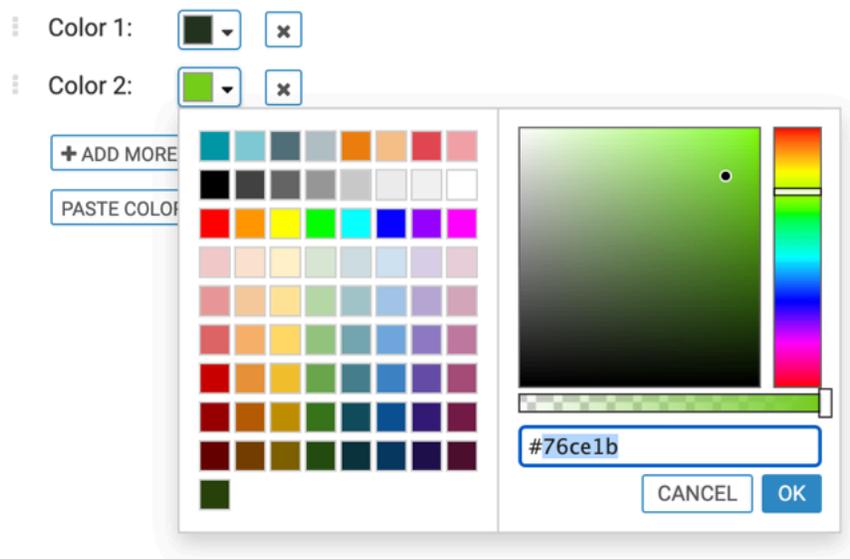
7. You can click Add More for other colors.

In this example, the following colors have been added to the custom color Leaf:

Color	Hexadecimal Value
Color 1	#25351f
Color 2	#28410e
Color 3	#476b17
Color 4	#82b332
Color 5	#aec551
Color 6	#f7f05d
Color 7	#f1c150

| Color	Hexadecimal Value
Color 8	#dc8451
Color 9	#fb5f2d
Color 10	#e03035
Color 11	#a10917

Color	Hexadecimal Value
Color 12	#510812

New Custom Color

± Save

Name: Leaf

Color Scale Type :   ⦿ Distinct   ○ Gradient - with values

○ Gradient - with percentages

	Color 1:		#25351f	✕
	Color 2:		rgb(40,65,14)	✕
	Color 3:		#476b17	✕
	Color 4:		#82b332	✕
	Color 5:		#aec551	✕
	Color 6:		#f7f05d	✕
	Color 7:		#f1c150	✕
	Color 8:		#dc8451	✕
	Color 9:		#fb5f2d	✕
	Color 10:		#e03035	✕
	Color 11:		#a10917	✕
	Color 12:		#510812	✕

+ Add More
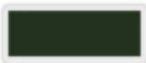
8. Click SAVE.

9. Click the Custom Colors tab to return to the Custom Colors interface.

Results

The new color, Leaf appears in the list of colors on the Manage Custom Colors interface. Its type is distinct, and you have an option to edit and delete it.

Creating custom colors with gradient values

In Cloudera Data Visualization, users with administrative role can define custom color palettes that are gradients, based on a value.

About this task

Note: Not all of the visual types support gradient value palettes.

Perform these actions in the New Custom Color interface:

Procedure

1. Enter the Name of the new color.

In this example, Ocean is used.

2. In Color Scale Type, choose Gradient - with values.

3. On the color bar, click the color indicator on the left (the red square over the gray bar).

The color selection widget appears.

4. Point to another color and click it.

You can also enter the color as RGB values or in hexadecimal format.

5. To adjust the color shade, slide indicator on the shade bar to the left.

Values more to the left are progressively more 'Grey'. Placing the indicator on the extreme right (default position) generates the most intense color.

rgba(0, 135, 255, 0.8)
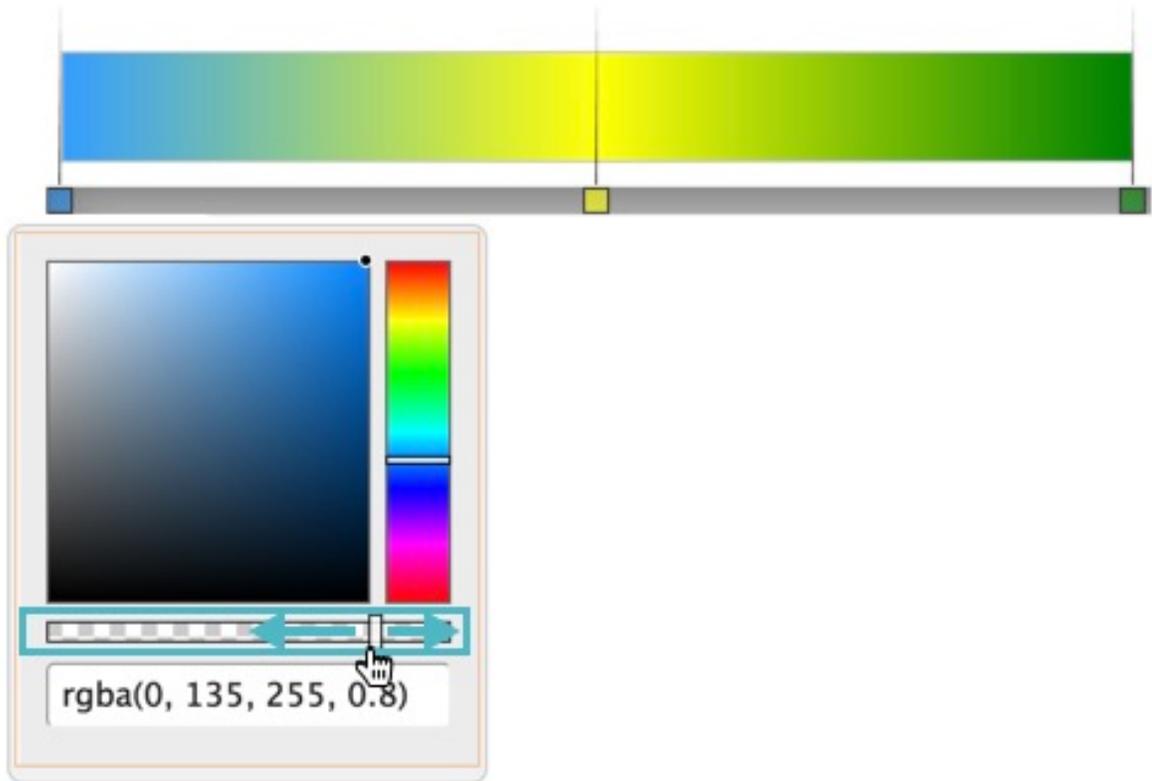
Another option for color selection is to manually adjust the color by dragging the black dot on the square color selection field to the desired location.

rgba(12, 91, 162, 0.8)
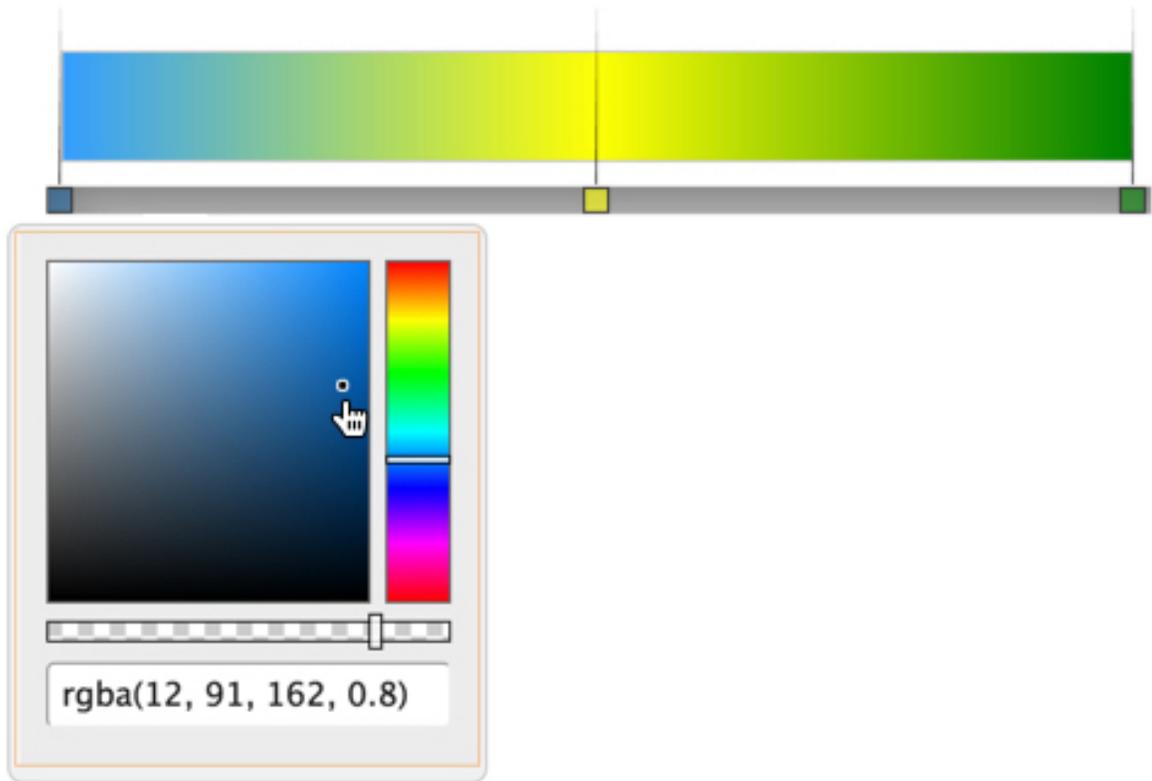
6. Configure the color on the right side of the color gradient.

rgba(73, 223, 230, 0.8)
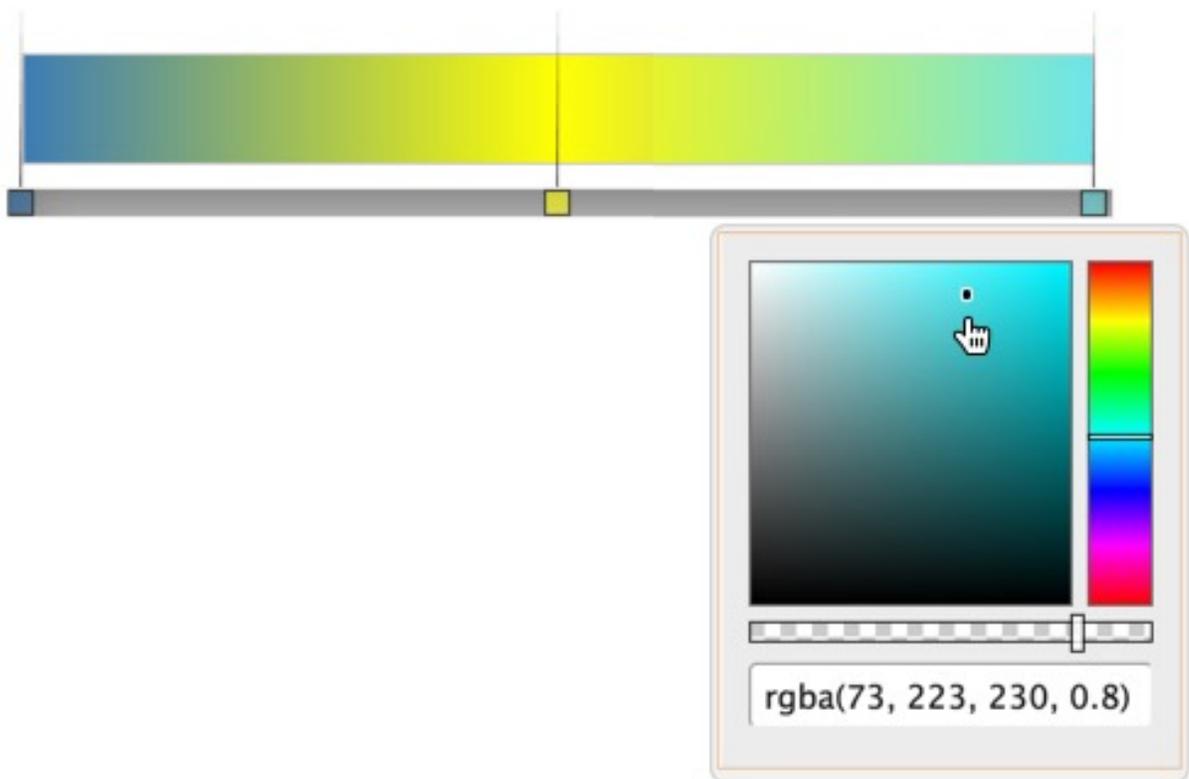
7. Configure the color in the middle of the color gradient.

rgba(0, 148, 255, 0.8)
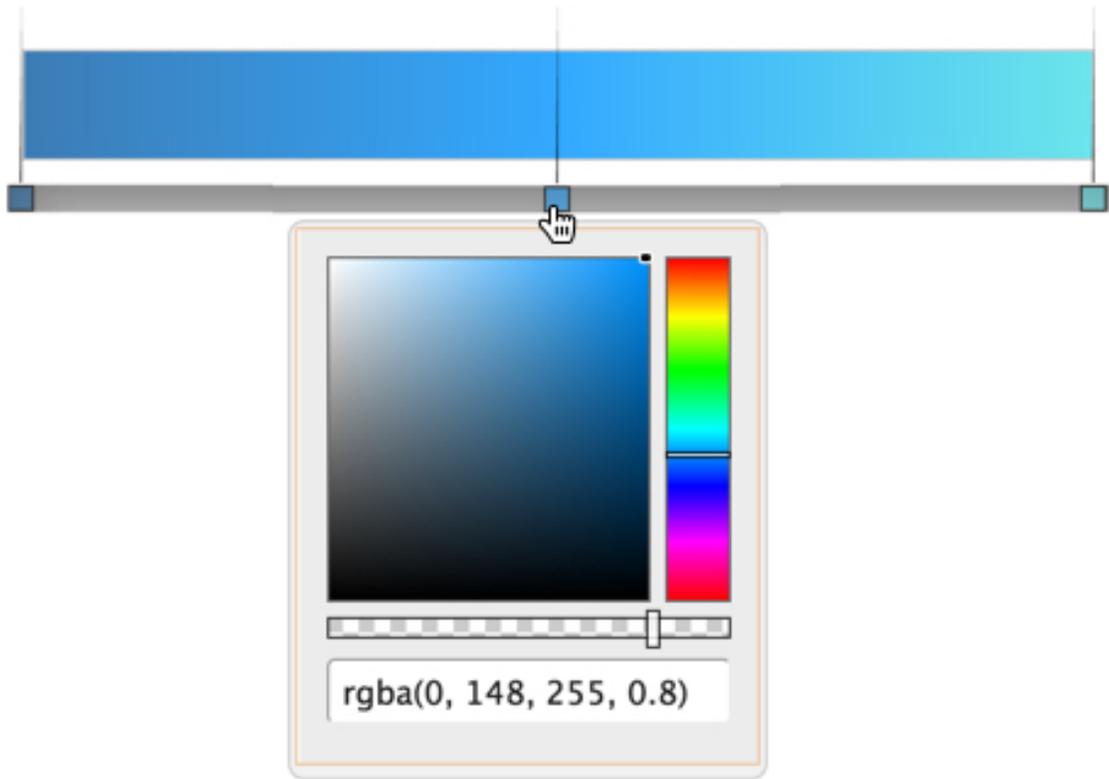
8. You can adjust the position of the middle color by sliding its indicator to the left or the right of the color gradient.

In the text fields under the color gradient, the three color indicators specify the values that correspond to the range and midpoint values in the data you plan to represent by the custom color.

-10   0   10
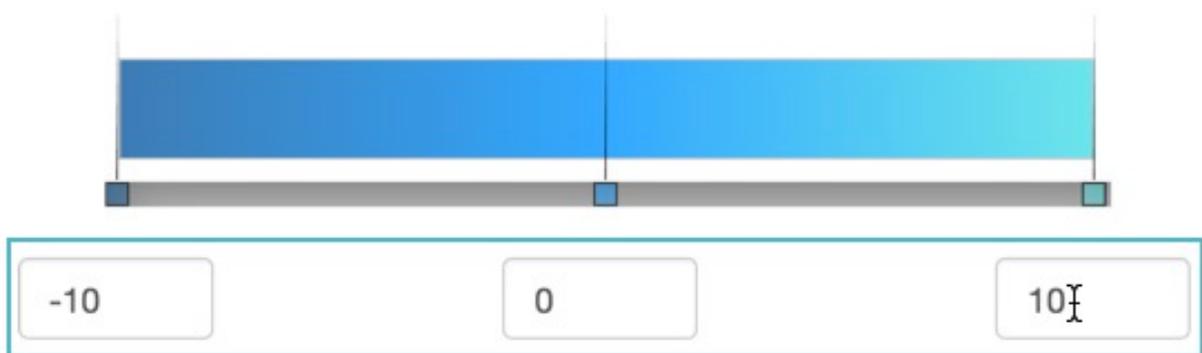
9. Click SAVE.
10. Click Custom Colors to return to the Custom Colors interface.

Results

The new color, Ocean appears in the list of colors on the Manage Custom Colors interface. Its type is Gradient-with values, and you have an option to edit and delete it.

Creating custom colors with gradient percentages

In Cloudera Data Visualization, users with administrative role can define gradient with percentage custom color palettes.

About this task

Perform these actions in the New Custom Color interface:

Procedure

1. Enter the Name of the new color. In this example, Elections is used.
2. In Color Scale Type, choose Gradient - with percentages.

3. On the color bar, click the color indicator on the left (the red square over the gray bar) and select another color from the color menu either by using the color slide bar, the color field, the shade field, or the text box for color code.

In this example, blue color rgb(0, 136, 255) is used.

New Custom Color

± Save

Name: Elections

Color Scale Type : ○ Distinct   ○ Gradient - with values

⦿ Gradient - with percentages

rgb(0, 136, 255)
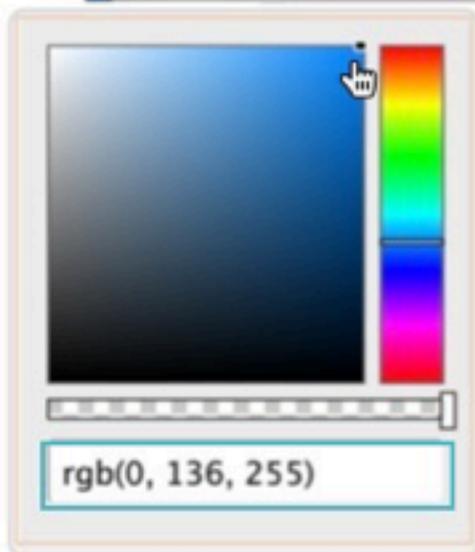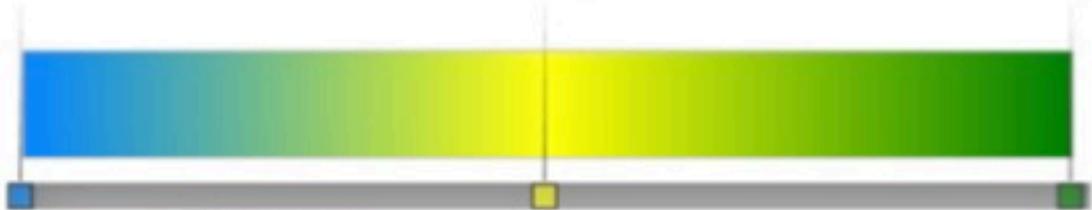
4. Configure the color in the middle of the color gradient.

In this example, white rgb(255, 255, 255) is used.

New Custom Color

↓ Save

Name: Elections

Color Scale Type :   ○ Distinct   ○ Gradient - with values

⊙ Gradient - with percentages

rgb(255, 255, 255)
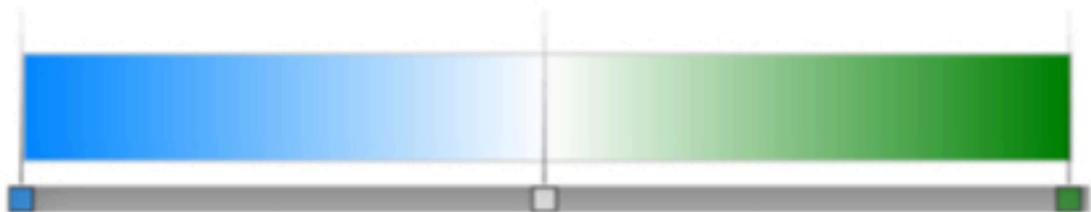
5. Configure the color on the right of the color gradient.

In this example, red rgb(255, 42, 0) is used.

New Custom Color

**± Save**

Name: Elections

Color Scale Type :   ○ Distinct   ○ Gradient - with values

⦿ Gradient - with percentages

rgb(255, 42, 0)
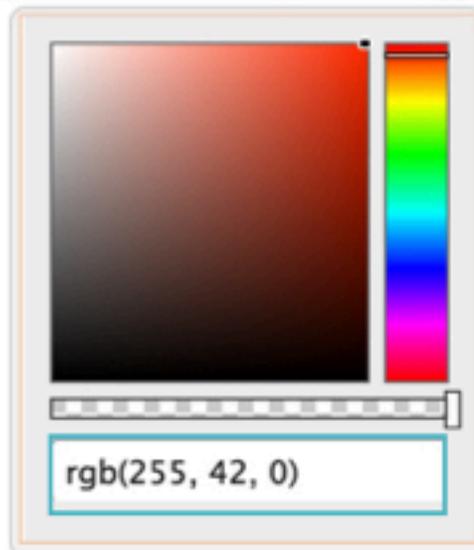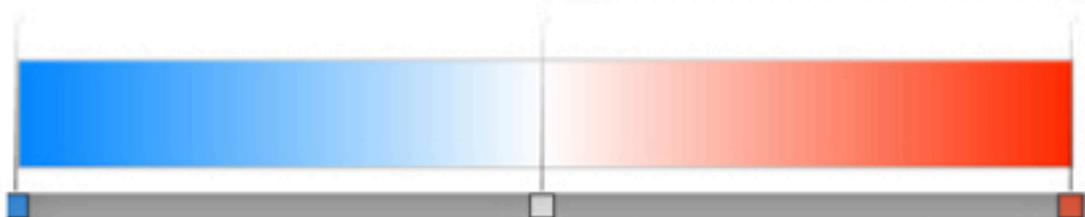
6. Click SAVE.

7. Click Custom Colors to return to the Custom Colors interface.

Results

Example

You can see that the new color, Election appears in the list of colors on the Manage Custom Colors interface. Its type is Gradient-with percentages, and you have an option to edit and delete it.

Editing custom colors

From time to time, it may become necessary to change the definition of a custom color. It is possible to change the name of the color palette, specifications of individual color components, and so on. However, after it is defined, a color palette's type cannot change.

About this task

Note: This feature is only available to users with administrative privileges.

To edit a custom color, follow these steps.

Procedure

1. Click the Gear icon on the main navigation bar to open the Administration menu, and select Custom Colors.
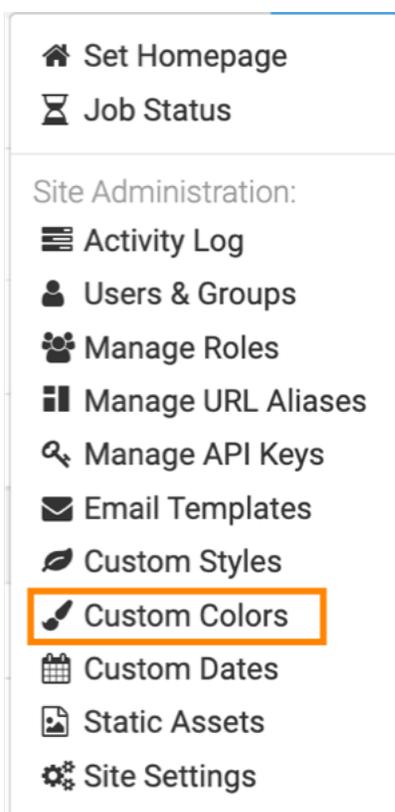
2. In the Manage Custom Colors interface, select the color to edit, and click its Pencil icon.

In this example, the custom color Elections is edited.

Id	Name	Type	Apps		
1	Ocean	#	0	✏	🗑
2	Leaf		0	✏	🗑
3	Elections	%	0	✏	🗑
4	Brexit Vote		0	✏	🗑

3. In the New Custom Color interface, change the Name.

In this example, the name from Elections has been changed to US   Presidential Elections.
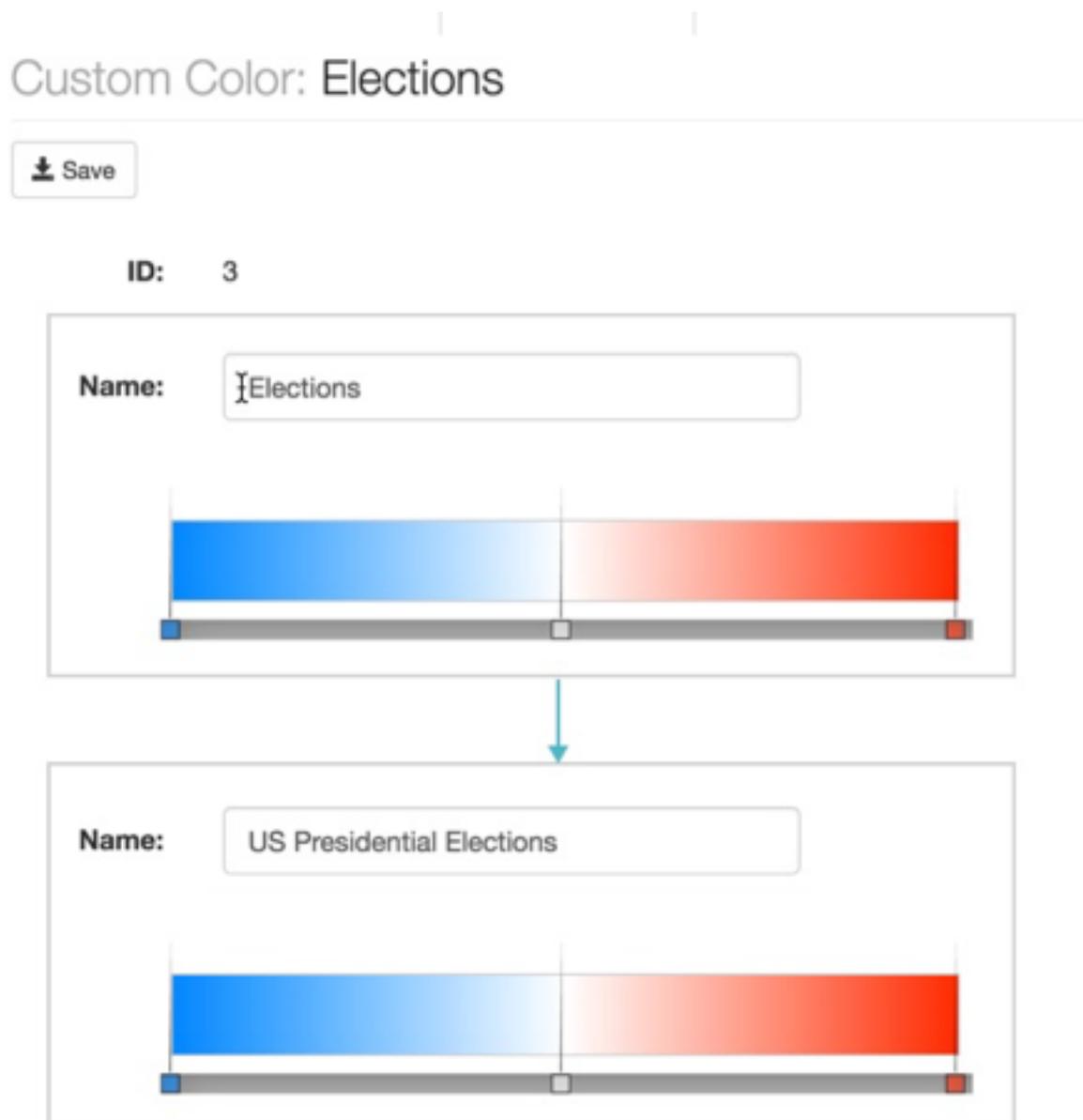
4. To change the definition of a component color:

a) For gradient options, both gradient values and gradient percentages, select the color indicator, and change the color definition either through the text box, the color slider, the shade slider, or the color selection field.

rgb(142, 142, 142)
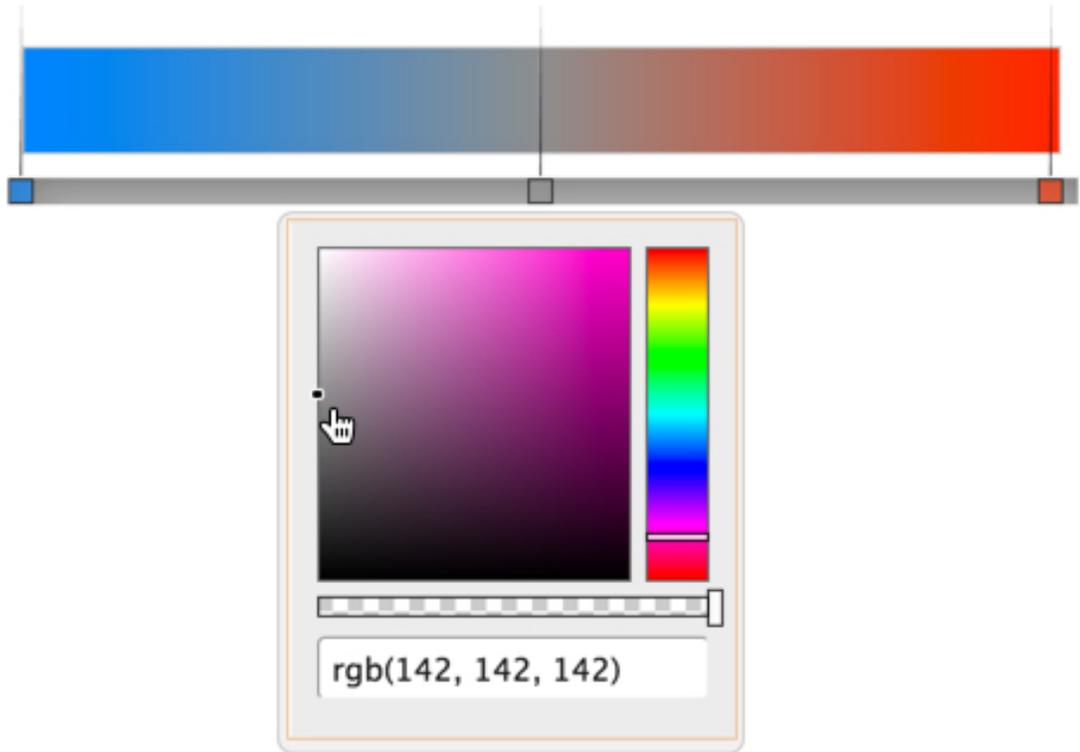
b) For the distinct color option, edit each color separately. You can either click on the color indicator and use the color selection sliders and fields, or change the numeric color definition.

Color 2:   #eebf0d

5. To change the position of the middle color on gradients, slide the selector for that color to the desired position.
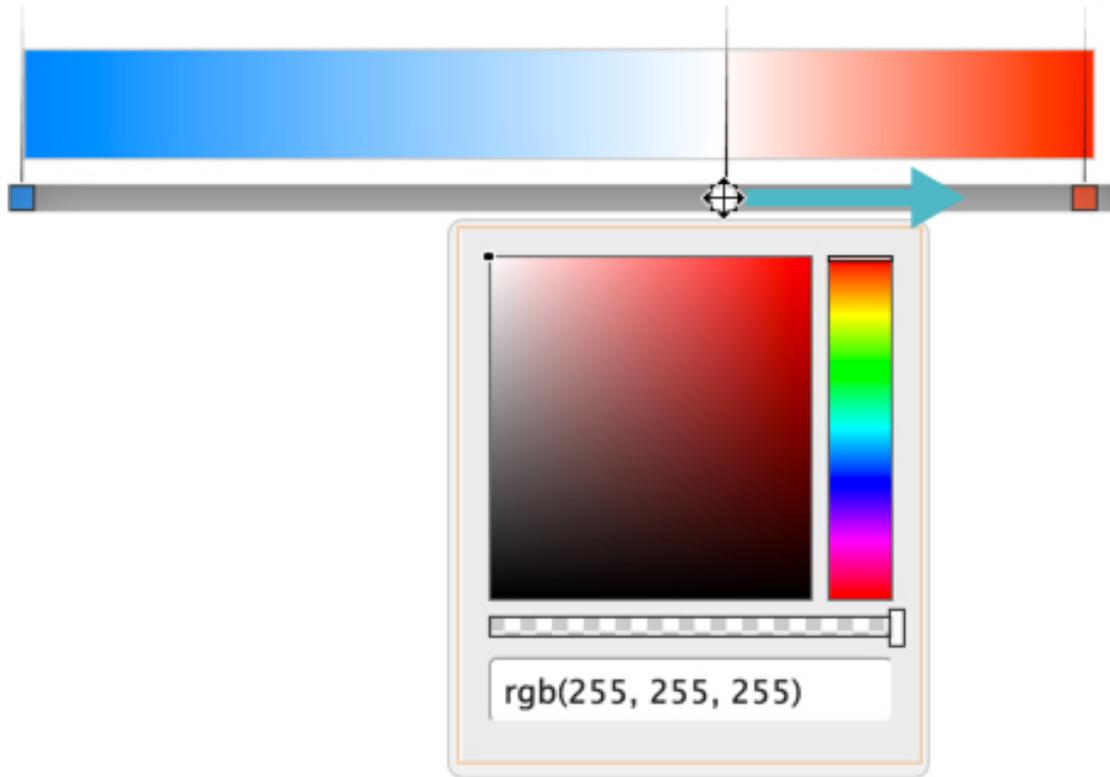
6. To remove a color from a distinct color grouping, click the remove icon.
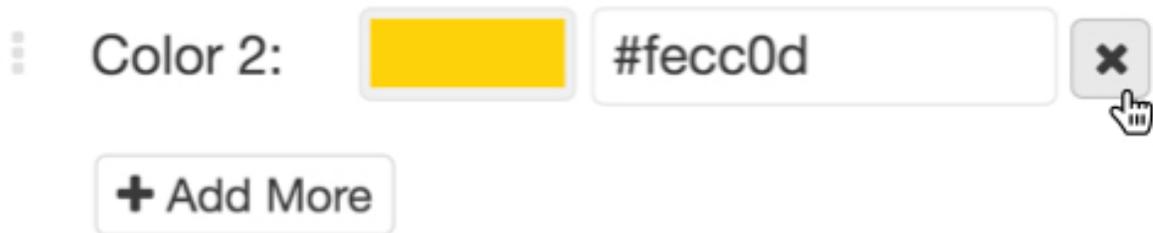
7. Click SAVE.

8. Click the Custom Colors tabe to return to the Custom Colors interface.

Results

You can see that Elections is now renamed US Presidential Elections in the list of custom colors.

Deleting custom colors

Cloudera Data Visualization enables you to delete previously defined colors.

About this task

Note: This feature is only available to users with administrative privileges.

To delete a custom color, follow these steps.

Procedure

1. Click the Gear icon on the main navigation bar to open the Administration menu, and select Custom Colors.
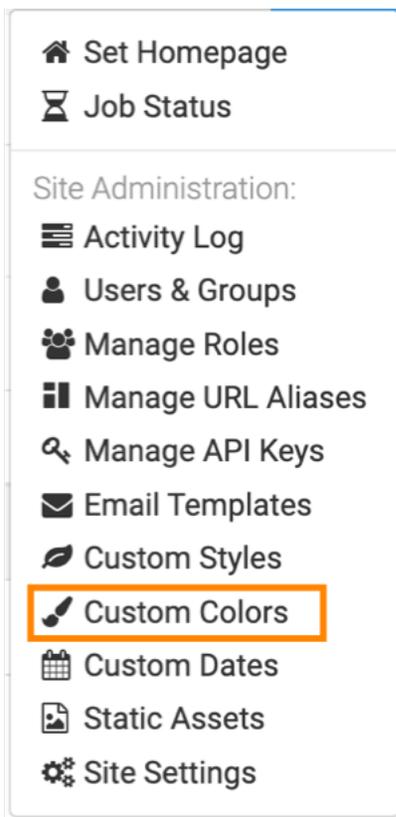
2. In the Manage Custom Colors interface, select the color to delete, and click its Trashcan icon.
3. In the Delete Confirmation modal window, type DELETE, and then click Delete.

Results

The custom color you have deleted is no longer on the list of custom colors.