

Converting Colors

Hex(2C8FAB)

Have a look what the booklet for
Hex(2C8FAB) contains.

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Color

Hex(2C8FAB)

Conversions

Conversions Part 1

Format	Color
Hex	2C8FAB
RGB	44, 143, 171
RGB Percent	17%, 56%, 67%
CMY	0.8275, 0.4392, 0.3294
CMYK	0.74, 0.16, 0.00, 0.33
HSL	193°, 59%, 42%
HSV	193°, 74%, 67%
XYZ	18.2119, 23.1207, 42.0309
YIQ	116.5910, -67.9920, -12.2800

Conversions

Conversions Part 2

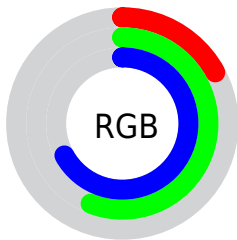
Format	Color
R_{YB}	44, 100, 171
Decimal	2920363
CIE _{Lab}	55.20, -18.63, -22.87
CIE _{LCh}	55, 29.497, 230.840
Yxy	23.1207, 0.2185, 0.2773
Android (android.graphics.Color)	4281110443 (0xFF2C8FAB)
YUV	116.5910, 26.8236, -63.6623
Hunter-Lab	48.0840, -16.5398, -18.1676

Details

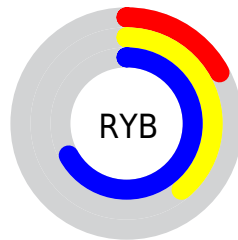
The Hex color **2C8FAB** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AB482C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6CC5E2**, and **005D77** is the 20% darker color. If you saturate the color by 10%, you get **1B8BAB**, and if you desaturate by 10%, it is **3D93AB**.

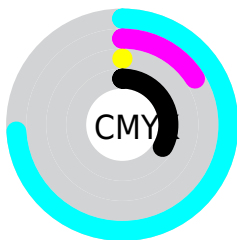
Distribution



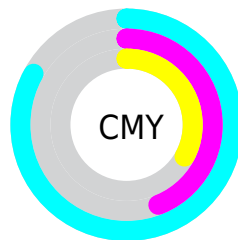
- Red (17%)
- Green (56%)
- Blue (67%)



- Red (17%)
- Yellow (39%)
- Blue (67%)



- Cyan (74%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (83%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C8FAB changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2C8FAB by changing the saturation by 10% instead.



2C8FAB



2C8FAB

FFFFFF



007590



6CC5E2



005D77



89E1FF



00455E



A7FEFF



002E46



C4FFFF



001B30



E2FFFF



00011B



000000



2C8FAB



2C8FAB



1B8BAB



3D93AB

0A87AB

4E97AB

0085AB

5F9AAB

709EAB

81A2AB

93A6AB

A4A9AB

B5ADAB

C6B1AB

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



289295



2C8FAB



5389B6

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2C8FAB



B1718D



838854

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2C8FAB



AB482C

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9C8052



2C8FAB



B67173

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2C8FAB



9D77A5



AF775E



668E63

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2C8FAB



6F83B6



AF775E



8C8651

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2C8FAB



ADD3DE



2CAB48



536A70



F0F0F0



707070

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2C8FAB



18B2DE



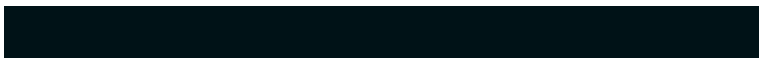
2C50AB



4E5557



007596



001217

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



AB2C8F



DE18B2



AB872C



574E55



960075



170012

Previews

White Background



This preview shows how the Hex color 2C8FAB looks on a white background.

Color Contrast Check

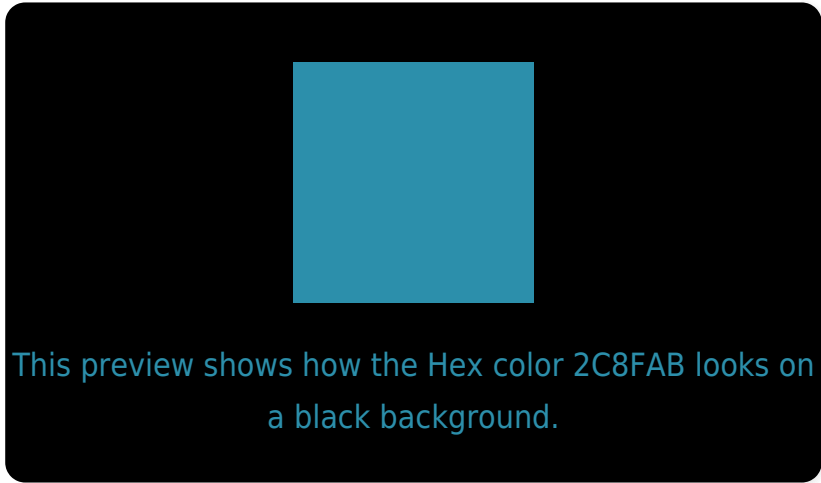
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

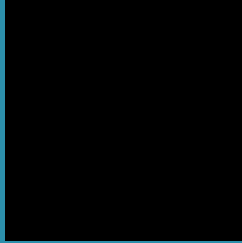
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2C8FAB Background



This preview shows how black text looks on a background with the Hex color 2C8FAB.

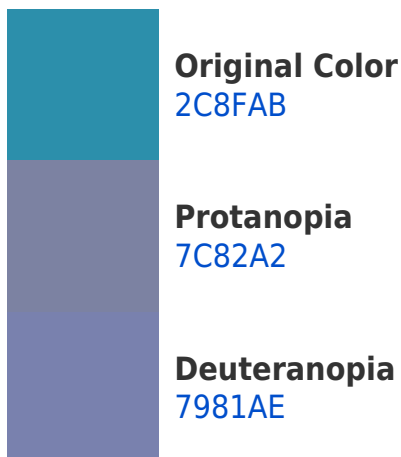


This preview shows how white text looks on a background with the Hex color 2C8FAB.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
20919D

Trichromacy



Original Color
2C8FAB



Protanomaly
5F87A5



Deuteranomaly
5D86AD



Tritanomaly
2490A2

Monochromacy



Original Color
2C8FAB



Achromatopsia
757575



Achromatomaly
5A7E89

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C8FAB is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2C8FAB looks like.

```
.text, #text, p{  
    color:#2C8FAB  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2C8FAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C8FAB
}
```

Border

The CSS property to change the border of an element to Hex 2C8FAB is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C8FAB }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2C8FAB }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #2C8FAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C8FAB; -webkit-box-shadow:4px 4px  
4px 4px #2C8FAB; box-shadow:4px 4px 4px  
4px #2C8FAB }
```

Background

The CSS property to change the background color of an element to Hex 2C8FAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C8FAB }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2C8FAB }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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