

Converting Colors

Hex(5B8DEA)

Have a look what the booklet for
Hex(5B8DEA) contains.

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Color

Hex(5B8DEA)

Conversions

Conversions Part 1

Format	Color
Hex	5B8DEA
RGB	91, 141, 234
RGB Percent	36%, 55%, 92%
CMY	0.6431, 0.4471, 0.0824
CMYK	0.61, 0.40, 0.00, 0.08
HSL	219°, 77%, 64%
HSV	219°, 61%, 92%
XYZ	28.6905, 27.2144, 81.5827
YIQ	136.6520, -59.6530, 18.3230

Conversions

Conversions Part 2

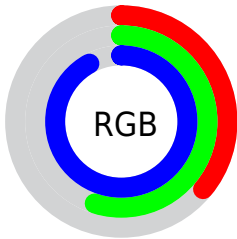
Format	Color
R _Y B	91, 128, 234
Decimal	6000106
CIE Lab	59.17, 11.39, -52.05
CIE LCh	59, 53.277, 282.341
Yxy	27.2144, 0.2087, 0.1979
Android (android.graphics.Color)	4284190186 (0xFF5B8DEA)
YUV	136.6520, 47.9926, -40.0368
Hunter-Lab	52.1674, 6.8767, -56.2042

Details

The Hex color **5B8DEA** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **EAB85B**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **98C2FF**, and **005CB2** is the 20% darker color. If you saturate the color by 10%, you get **447EEA**, and if you desaturate by 10%, it is **729CEA**.

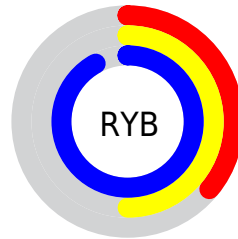
Distribution



Red (36%)

Green (55%)

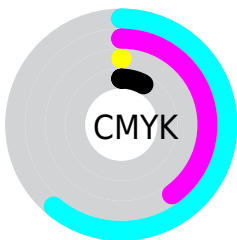
Blue (92%)



Red (36%)

Yellow (50%)

Blue (92%)

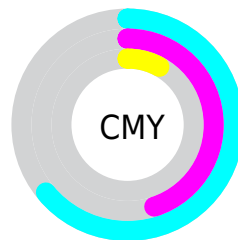


Cyan (61%)

Magenta (40%)

Yellow (0%)

Black (8%)



Cyan (64%)

Magenta (45%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B8DEA 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 5B8DEA by changing the saturation by 10% instead.

■ 5B8DEA

■ 5B8DEA

FFFFFF

■ 3974CD

■ 98C2FF

■ 005CB2

■ B5DEFF

■ 004596

■ D3FAFF

■ 002F7C

■ F2FFFF

■ 001C63

■ 00034A

■ 000433

■ 00021D

■ 000000

■ 5B8DEA

■ 5B8DEA

■ 447EEA

■ 729CEA

■ 2C6FEA

■ 8AABEA

■ 155FEA

■ A1BBEA

■ 0052EA

■ B9CAEA

■ D0D9EA

■ E7E8EA

■ FFF8EA

■ FFFFEA

Harmonies

Analogous

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



009BE7



5B8DEA



AA7AD4

Triad

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



5B8DEA



DB7051



00A370

Complementary

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



5B8DEA



EAB85B

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.



629D45



5B8DEA



BF8232

Square

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



5B8DEA



E5647D



96922B



00A5A1

Rectangle

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



5B8DEA



CA6DBB



96922B



2DA261

Sweetspot

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



5B8DEA



D1E1FF



5BEAB8



636D80



000000



808080

Same Dimension

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



5B8DEA



4586FF



705BEA



6A6E75



003FB5



001336

Inverse Universe

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



EA5B8D



FF4586



D5EA5B



756A6E



B5003F



360013

Previews

White Background



This preview shows how the Hex color 5B8DEA looks on a white background.

Color Contrast Check

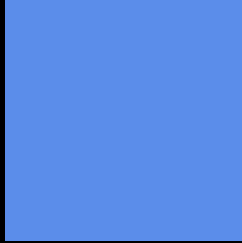
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5B8DEA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

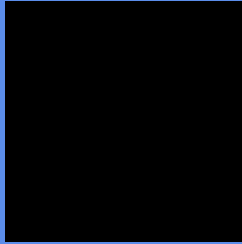
Any Text WCAG AA ✓ Pass

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 5B8DEA Background



This preview shows how black text looks on a background with the Hex color 5B8DEA.

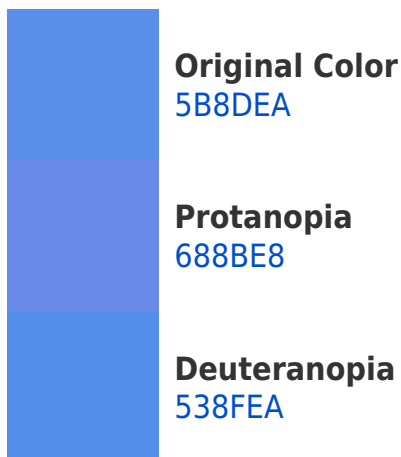


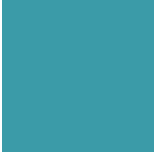
This preview shows how white text looks on a background with the Hex color 5B8DEA.

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](#).

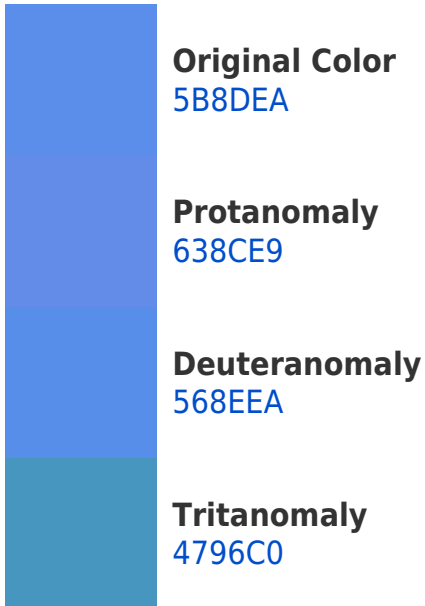
Dichromacy





Tritanopia
3B9BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B8DEA 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 #5B8DEA looks like.

```
.text, #text, p{  
    color:#5B8DEA  
}
```

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 #5B8DEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8DEA
}
```

Border

The CSS property to change the border of an element to Hex 5B8DEA 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
#5B8DEA }
```

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

```
.border{ border-color:#5B8DEA }
```

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

Here you see how a box with a 4 pixel #5B8DEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8DEA; -webkit-box-shadow:4px 4px  
4px 4px #5B8DEA; box-shadow:4px 4px 4px  
4px #5B8DEA }
```

Background

The CSS property to change the background color of an element to Hex 5B8DEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8DEA }
```

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

```
.background{ background-color:#5B8DEA }
```

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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