

# Converting Colors

Hex(5E50F8)

Have a look what the booklet for  
Hex(5E50F8) contains.

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# Color

**Hex(5E50F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E50F8
RGB	94, 80, 248
RGB Percent	37%, 31%, 97%
CMY	0.6314, 0.6863, 0.0275
CMYK	0.62, 0.68, 0.00, 0.03
HSL	245°, 92%, 64%
HSV	245°, 68%, 97%
XYZ	24.4280, 14.8943, 90.3943
YIQ	103.3380, -45.5840, 55.2160

# Conversions

## Conversions Part 2

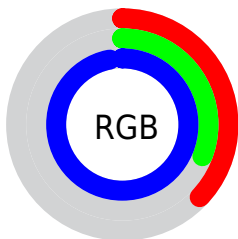
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 80, 248
Decimal	6181112
CIE <sub>Lab</sub>	45.49, 52.86, -81.96
CIE <sub>LCh</sub>	45, 97.522, 302.820
Yxy	14.8943, 0.1883, 0.1148
Android (android.graphics.Color)	4284371192 (0xFF5E50F8)
YUV	103.3380, 71.3184, -8.1894
Hunter-Lab	38.5932, 45.4458, -111.8560

# Details

The Hex color **5E50F8** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **EAF850**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9F83FF**, and **0020BE** is the 20% darker color. If you saturate the color by 10%, you get **4737F8**, and if you desaturate by 10%, it is **7569F8**.

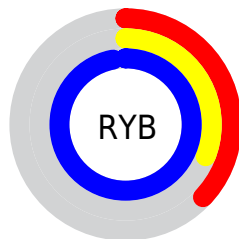
# Distribution



Red (37%)

Green (31%)

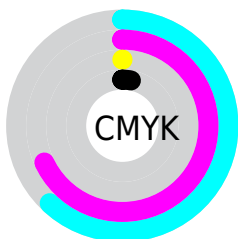
Blue (97%)



Red (37%)

Yellow (31%)

Blue (97%)

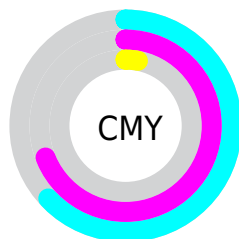


Cyan (62%)

Magenta (68%)

Yellow (0%)

Black (3%)



Cyan (63%)

Magenta (69%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E50F8 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 5E50F8 by changing the saturation by 10% instead.



 5E50F8

 5E50F8

FFFFFF

 3838DB

 9F83FF

 0020BE

 BE9DFF

 0008A2

 DDB9FF

 000087

 FCD5FF

 00006D

 FFF1FF

 000B53

 00063B

 000224

 00000D

■ 5E50F8

■ 5E50F8

■ 4737F8

■ 7569F8

■ 311EF8

■ 8B82F8

■ 1A06F8

■ A29AF8

■ 1500F8

■ B9B3F8

■ D0CCF8

■ E6E5F8

■ FDFEF8

■ FFFFF8

# Harmonies

## Analogous

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



0076FF



5E50F8



CD00B8

# Triad

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



5E50F8



BC4600



008A72

# Complementary

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



5E50F8



EAF850

# 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.



008611



5E50F8



7D6C00

# Square

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



5E50F8



E60018



137E00



008BC4

# Rectangle

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



5E50F8



EA0083



137E00



008955



# Sweetspot

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



5E50F8



D0CCFF



50EAF8



636180



000000



808080



# Same Dimension

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



5E50F8



4230FF



B250F8



71707D



1000BD



05003D



# Inverse Universe

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



F850EA



FF30EE



96F850



7D707C



BD00AD

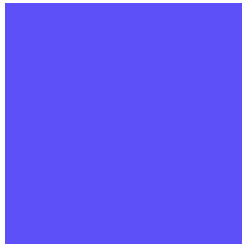


3D0038



# Previews

## White Background



This preview shows how the Hex color 5E50F8 looks on a white background.

## Color Contrast Check

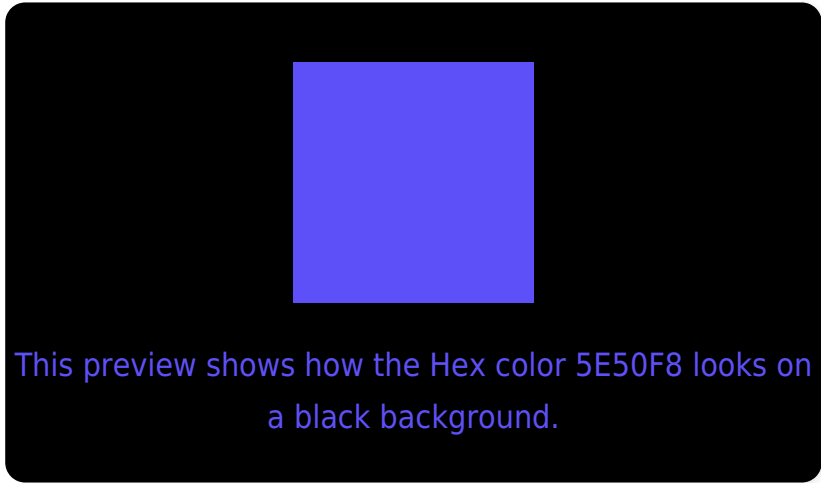
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

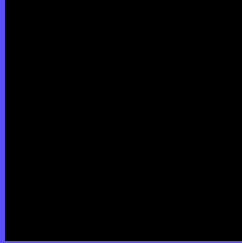
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E50F8 Background



This preview shows how black text looks on a background with the Hex color 5E50F8.

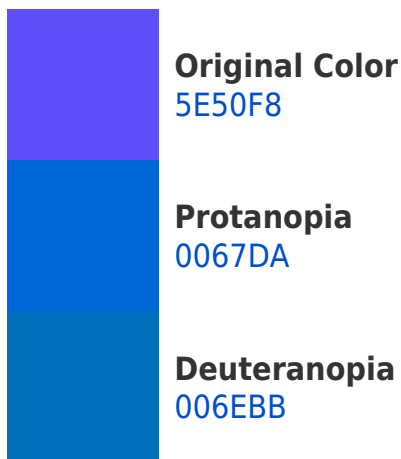


This preview shows how white text looks on a background with the Hex color 5E50F8.

# 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**  
197680

# Trichromacy



**Original Color**  
5E50F8



**Protanomaly**  
225FE5



**Deuteranomaly**  
2263D1



**Tritanomaly**  
3268AC

# Monochromacy



**Original Color**  
5E50F8



**Achromatopsia**  
676767



**Achromatomaly**  
645F9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E50F8 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 #5E50F8 looks like.

```
.text, #text, p{  
  color:#5E50F8  
}
```

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 #5E50F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E50F8  
}
```

## Border

The CSS property to change the border of an element to Hex 5E50F8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

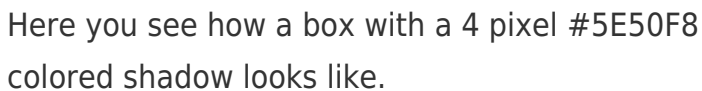
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5E50F8 }
```

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

```
.border{ border-color:#5E50F8 }
```

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



Here you see how a box with a 4 pixel #5E50F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E50F8; -webkit-box-shadow:4px 4px  
4px 4px #5E50F8; box-shadow:4px 4px 4px  
4px #5E50F8 }
```

# Background

The CSS property to change the background color of an element to Hex 5E50F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E50F8 }
```

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

```
.background{ background-color:#5E50F8 }
```

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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