

Converting Colors

Hex(5B39F9)

Have a look what the booklet for
Hex(5B39F9) contains.

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Color

Hex(5B39F9)

Conversions

Conversions Part 1

Format	Color
Hex	5B39F9
RGB	91, 57, 249
RGB Percent	36%, 22%, 98%
CMY	0.6431, 0.7765, 0.0235
CMYK	0.63, 0.77, 0.00, 0.02
HSL	251°, 94%, 60%
HSV	251°, 77%, 98%
XYZ	22.8764, 11.9900, 90.7311
YIQ	89.0540, -41.3680, 66.9200

Conversions

Conversions Part 2

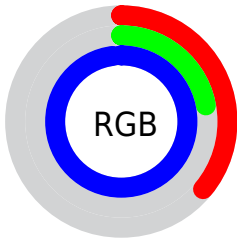
Format	Color
R _Y B	91, 57, 249
Decimal	5978617
CIE Lab	41.20, 64.47, -89.58
CIE LCh	41, 110.368, 305.740
Yxy	11.9900, 0.1821, 0.0955
Android (android.graphics.Color)	4284168697 (0xFF5B39F9)
YUV	89.0540, 78.8534, 1.7066
Hunter-Lab	34.6265, 57.3316, -131.1177

Details

The Hex color **5B39F9** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **D7F939**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9E6DFF**, and **0000BF** is the 20% darker color. If you saturate the color by 10%, you get **4720F9**, and if you desaturate by 10%, it is **6F52F9**.

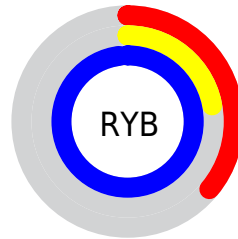
Distribution



Red (36%)

Green (22%)

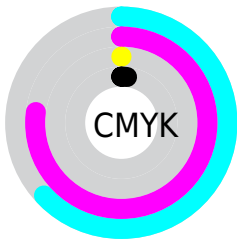
Blue (98%)



Red (36%)

Yellow (22%)

Blue (98%)

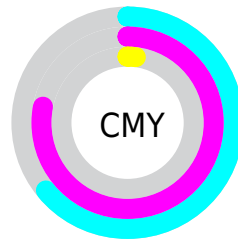


Cyan (63%)

Magenta (77%)

Yellow (0%)

Black (2%)



Cyan (64%)

Magenta (78%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B39F9 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 5B39F9 by changing the saturation by 10% instead.

■ 5B39F9

■ 5B39F9

FFFFFF

■ 311EDC

■ 9E6DFF

■ 0000BF

■ BE88FF

■ 0000A3

■ DDA3FF

■ 000088

■ FDBFFF

■ 00006D

■ FFDCFF

■ 000B54

■ FFF9FF

■ 00063B

■ 000225

■ 00010D

 5B39F9

 5B39F9

 4720F9

 6F52F9

 3207F9

 846BF9

 2C00F9

 9884F9

 AD9DF9

 C1B5F9

 D6CEF9

 EAE7F9

 FFFFF9

Harmonies

Analogous

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



006CFF



5B39F9



D200AE

Triad

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



5B39F9



AF3A00



007F71

Complementary

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



5B39F9



D7F939

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.



007C00



5B39F9



686400

Square

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



5B39F9



E10000



007600



0081CC

Rectangle

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



5B39F9



ED0073



007600



007E51

Sweetspot

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



5B39F9



CFC4FF



39D9F9



625C80



000000



808080

Same Dimension

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



5B39F9



3C12FF



B939F9



73707D



2100BD



0B003D

Inverse Universe

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



F939D7



FF12D5



79F939



7D707B



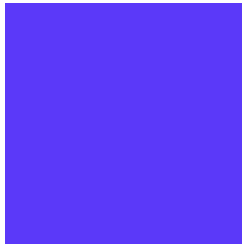
BD009B



3D0032

Previews

White Background



This preview shows how the Hex color 5B39F9 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

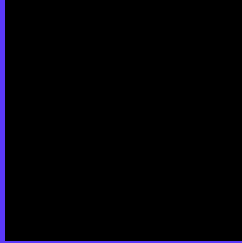
Any Text WCAG AA × Fail

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 5B39F9 Background



This preview shows how black text looks on a background with the Hex color 5B39F9.



This preview shows how white text looks on a background with the Hex color 5B39F9.

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



Original Color
5B39F9

Protanopia
005DC4

Deuteranopia
0063A7



Tritanopia
006B73

Trichromacy



Original Color
5B39F9



Protanomaly
2150D7



Deuteranomaly
2154C5



Tritanomaly
2159A4

Monochromacy



Original Color
5B39F9



Achromatopsia
595959



Achromatomaly
5A4D93

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B39F9 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 #5B39F9 looks like.

```
.text, #text, p{  
    color:#5B39F9  
}
```

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 #5B39F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B39F9
}
```

Border

The CSS property to change the border of an element to Hex 5B39F9 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
#5B39F9 }
```

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

```
.border{ border-color:#5B39F9 }
```

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

Here you see how a box with a 4 pixel #5B39F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B39F9; -webkit-box-shadow:4px 4px  
4px 4px #5B39F9; box-shadow:4px 4px 4px  
4px #5B39F9 }
```

Background

The CSS property to change the background color of an element to Hex 5B39F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B39F9 }
```

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

```
.background{ background-color:#5B39F9 }
```

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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