

Converting Colors

Hex(5B75E9)

Have a look what the booklet for
Hex(5B75E9) contains.

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Color

Hex(5B75E9)

Conversions

Conversions Part 1

Format	Color
Hex	5B75E9
RGB	91, 117, 233
RGB Percent	36%, 46%, 91%
CMY	0.6431, 0.5412, 0.0863
CMYK	0.61, 0.50, 0.00, 0.09
HSL	229°, 76%, 64%
HSV	229°, 61%, 91%
XYZ	25.3837, 20.8299, 79.7735
YIQ	122.4500, -52.7320, 30.5640

Conversions

Conversions Part 2

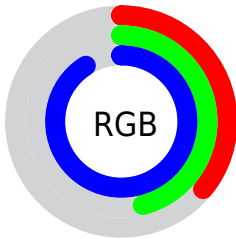
Format	Color
R_{YB}	91, 113, 233
Decimal	5993961
CIE _{Lab}	52.76, 25.60, -61.74
CIE _{LCh}	53, 66.840, 292.518
Yxy	20.8299, 0.2015, 0.1653
Android (android.graphics.Color)	4284184041 (0xFF5B75E9)
YUV	122.4500, 54.5011, -27.5817
Hunter-Lab	45.6398, 19.4073, -71.6847

Details

The Hex color **5B75E9** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **E9CF5B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **98A9FF**, and **0045B0** is the 20% darker color. If you saturate the color by 10%, you get **4462E9**, and if you desaturate by 10%, it is **7288E9**.

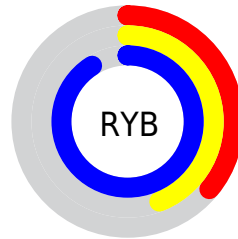
Distribution



Red (36%)

Green (46%)

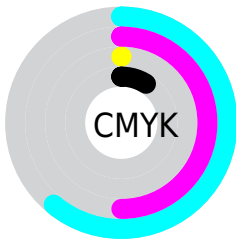
Blue (91%)



Red (36%)

Yellow (44%)

Blue (91%)

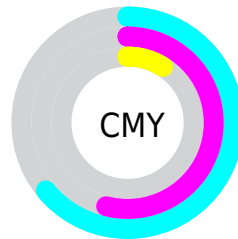


Cyan (61%)

Magenta (50%)

Yellow (0%)

Black (9%)



Cyan (64%)

Magenta (54%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B75E9 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 5B75E9 by changing the saturation by 10% instead.

■ 5B75E9

■ 5B75E9

FFFFFF

■ 395DCC

■ 98A9FF

■ 0045B0

■ B6C4FF

■ 003095

■ D4E0FF

■ 001C7B

■ F3FCFF

■ 000561

■ 000848

■ 000431

■ 00011B

■ 000000

■ 5B75E9

■ 5B75E9

■ 4462E9

■ 7288E9

■ 2C4FE9

■ 8A9BE9

■ 153CE9

■ A1AEE9

■ 002BE9

■ B8C1E9

■ D0D4E9

■ E7E7E9

■ FEFAE9

■ FFFFE9

Harmonies

Analogous

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



0089F1



5B75E9



B459C5

Triad

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



5B75E9



CC5D20



00976D

Complementary

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



5B75E9



E9CF5B

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.



099232



5B75E9



A47600

Square

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



5B75E9



E24356



6E8800



0098A8

Rectangle

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



5B75E9



D346A2



6E8800



009659

Sweetspot

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



5B75E9



D1DAFF



5BE9CF



636980



000000



808080

Same Dimension

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



5B75E9



4567FF



885BE9



6A6C75



0021B5



000A36

Inverse Universe

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



E95B75



FF4567



BCE95B



756A6C



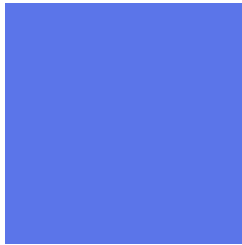
B50021



36000A

Previews

White Background



This preview shows how the Hex color 5B75E9 looks on a white background.

Color Contrast Check

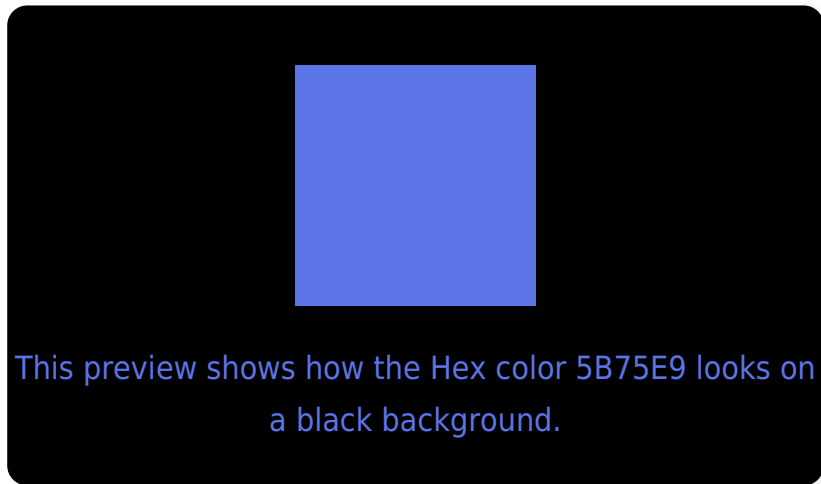
Large Text (above 18pt) WCAG AA ✓ Pass

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

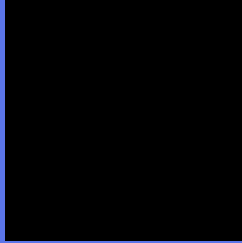
Any Text WCAG AA ✓ Pass

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 5B75E9 Background



This preview shows how black text looks on a background with the Hex color 5B75E9.

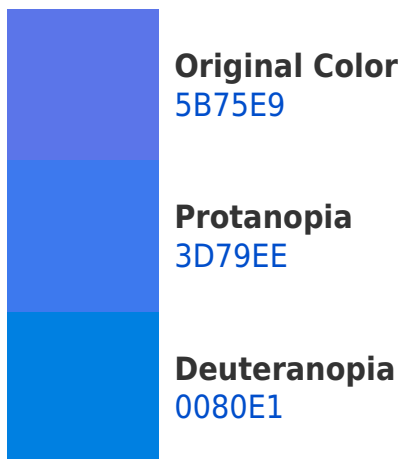


This preview shows how white text looks on a background with the Hex color 5B75E9.

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



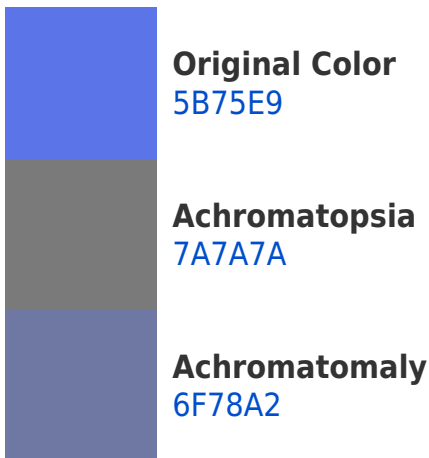


Tritanopia
328994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B75E9 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 #5B75E9 looks like.

```
.text, #text, p{  
    color:#5B75E9  
}
```

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 #5B75E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B75E9
}
```

Border

The CSS property to change the border of an element to Hex 5B75E9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

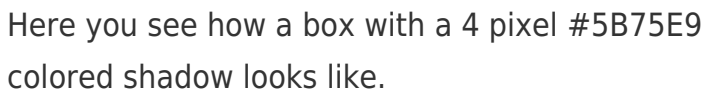
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B75E9 }
```

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

```
.border{ border-color:#5B75E9 }
```

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



Here you see how a box with a 4 pixel #5B75E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B75E9; -webkit-box-shadow:4px 4px  
4px 4px #5B75E9; box-shadow:4px 4px 4px  
4px #5B75E9 }
```

Background

The CSS property to change the background color of an element to Hex 5B75E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B75E9 }
```

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

```
.background{ background-color:#5B75E9 }
```

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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