

# Converting Colors

Hex(5B4CE4)

Have a look what the booklet for  
Hex(5B4CE4) contains.

<b>Hex(5B4CE4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(5B4CE4)

# Conversions

## Conversions Part 1

Format	Color
Hex	5B4CE4
RGB	91, 76, 228
RGB Percent	36%, 30%, 89%
CMY	0.6431, 0.7020, 0.1059
CMYK	0.60, 0.67, 0.00, 0.11
HSL	246°, 74%, 60%
HSV	246°, 67%, 89%
XYZ	20.9024, 12.9945, 74.8053
YIQ	97.8130, -39.8520, 50.4520

# Conversions

## Conversions Part 2

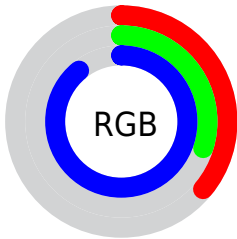
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 76, 228
Decimal	5983460
CIE <sub>Lab</sub>	42.75, 48.55, -75.18
CIE <sub>LCh</sub>	43, 89.489, 302.855
Yxy	12.9945, 0.1923, 0.1195
Android (android.graphics.Color)	4284173540 (0xFF5B4CE4)
<b>YUV</b>	97.8130, 64.1822, -5.9750
Hunter-Lab	36.0478, 40.4199, -97.8032

# Details

The Hex color **5B4CE4** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **D5E44C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **9A7EFF**, and **001DAB** is the 20% darker color. If you saturate the color by 10%, you get **4635E4**, and if you desaturate by 10%, it is **7063E4**.

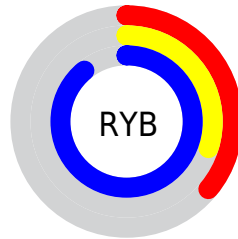
# Distribution



Red (36%)

Green (30%)

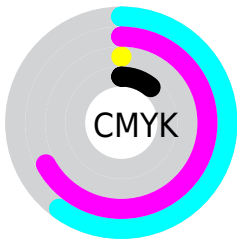
Blue (89%)



Red (36%)

Yellow (30%)

Blue (89%)

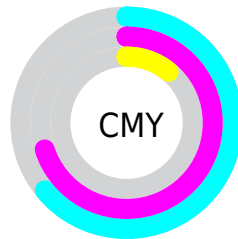


Cyan (60%)

Magenta (67%)

Yellow (0%)

Black (11%)



Cyan (64%)

Magenta (70%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B4CE4 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 5B4CE4 by changing the saturation by 10% instead.



■ 5B4CE4

■ 5B4CE4

FFFFFF

■ 3734C7

■ 9A7EFF

■ 001DAB

■ B899FF

■ 000690

■ D6B4FF

■ 000075

■ F5D0FF

■ 00005C

■ FFECFF

■ 000743

■ 00032C

■ 000116

■ 000000

■ 5B4CE4

■ 5B4CE4

■ 4635E4

■ 7063E4

■ 321EE4

■ 847AE4

■ 1D08E4

■ 9990E4

■ 1700E4

■ ADA7E4

■ C2BEE4

■ D6D5E4

■ EBCE4

■ FFFFE4

# Harmonies

## Analogous

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



006EFD



5B4CE4



BE00AA

# Triad

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



5B4CE4



AF4300



00816A

# Complementary

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



5B4CE4



D5E44C

# 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.



007D15



5B4CE4



766500

# Square

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



5B4CE4



D50019



1C7600



0081B5

# Rectangle

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



5B4CE4



D8007A



1C7600



008050



# Sweetspot

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



5B4CE4



D1CCFF



4CD7E4



646180



000000



808080



# Same Dimension

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



5B4CE4



4733FF



A54CE4



686773



1200B3



050033



# Inverse Universe

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



E44CD5



FF33EB



8BE44C



736772



B300A1

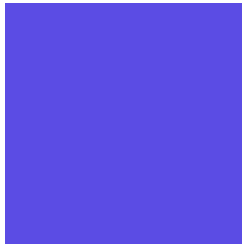


33002E



# Previews

## White Background



This preview shows how the Hex color 5B4CE4 looks on a white background.

## Color Contrast Check

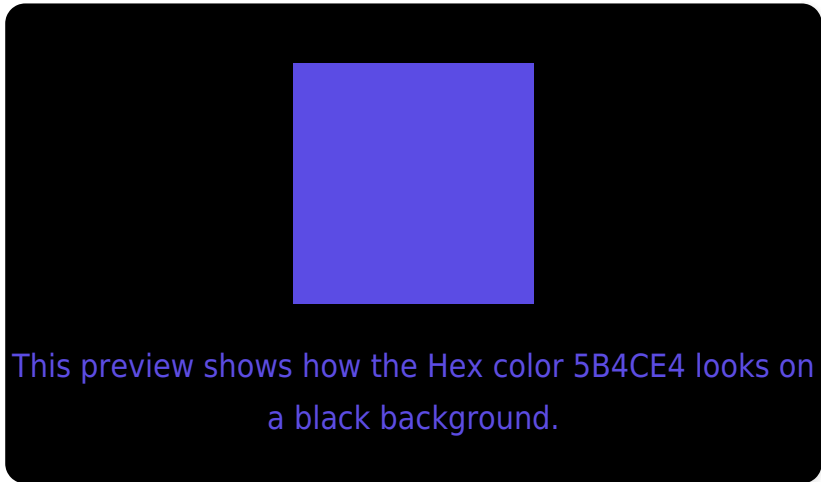
Large Text (above 18pt) WCAG AA ✓ Pass

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

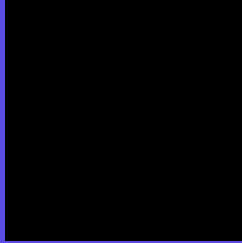
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B4CE4 Background



This preview shows how black text looks on a background with the Hex color 5B4CE4.



This preview shows how white text looks on a background with the Hex color 5B4CE4.

# 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**  
286E77

# Trichromacy



**Original Color**  
5B4CE4



**Protanomaly**  
2159D5



**Deuteranomaly**  
215DC3



**Tritanomaly**  
3B629F

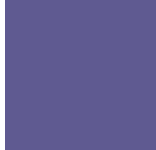
# Monochromacy



**Original Color**  
5B4CE4



**Achromatopsia**  
626262



**Achromatomaly**  
5F5A91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B4CE4 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 #5B4CE4 looks like.

```
.text, #text, p{  
    color:#5B4CE4  
}
```

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 #5B4CE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4CE4
}
```

## Border

The CSS property to change the border of an element to Hex 5B4CE4 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
#5B4CE4 }
```

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

```
.border{ border-color:#5B4CE4 }
```

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

Here you see how a box with a 4 pixel #5B4CE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4CE4; -webkit-box-shadow:4px 4px  
4px 4px #5B4CE4; box-shadow:4px 4px 4px  
4px #5B4CE4 }
```

# Background

The CSS property to change the background color of an element to Hex 5B4CE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4CE4 }
```

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

```
.background{ background-color:#5B4CE4 }
```

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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