

Converting Colors

Hex(5B4CE5)

Have a look what the booklet for
Hex(5B4CE5) contains.

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Color

Hex(5B4CE5)

Conversions

Conversions Part 1

Format	Color
Hex	5B4CE5
RGB	91, 76, 229
RGB Percent	36%, 30%, 90%
CMY	0.6431, 0.7020, 0.1020
CMYK	0.60, 0.67, 0.00, 0.10
HSL	246°, 75%, 60%
HSV	246°, 67%, 90%
XYZ	21.0417, 13.0502, 75.5387
YIQ	97.9270, -40.1730, 50.7630

Conversions

Conversions Part 2

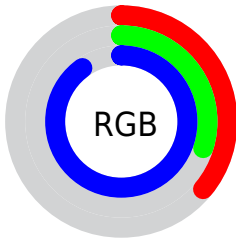
Format	Color
R_{YB}	91, 76, 229
Decimal	5983461
CIE _{Lab}	42.84, 48.86, -75.61
CIE _{LCh}	43, 90.017, 302.870
Yxy	13.0502, 0.1919, 0.1190
Android (android.graphics.Color)	4284173541 (0xFF5B4CE5)
YUV	97.9270, 64.6190, -6.0750
Hunter-Lab	36.1250, 40.7518, -98.6899

Details

The Hex color **5B4CE5** 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 **D6E54C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **9A7EFF**, and **001DAC** is the 20% darker color. If you saturate the color by 10%, you get **4635E5**, and if you desaturate by 10%, it is **7063E5**.

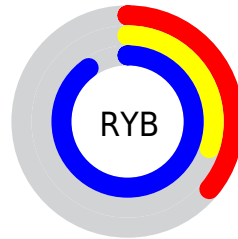
Distribution



Red (36%)

Green (30%)

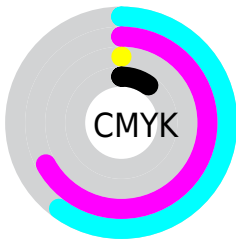
Blue (90%)



Red (36%)

Yellow (30%)

Blue (90%)

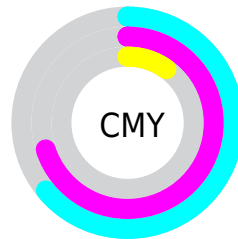


Cyan (60%)

Magenta (67%)

Yellow (0%)

Black (10%)



Cyan (64%)

Magenta (70%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4CE5 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 5B4CE5 by changing the saturation by 10% instead.

■ 5B4CE5

■ 5B4CE5

FFFFFF

■ 3734C8

■ 9A7EFF

■ 001DAC

■ B899FF

■ 000691

■ D7B4FF

■ 000076

■ F5D0FF

■ 00005C

■ FFECFF

■ 000744

■ 00032D

■ 000117

■ 000000

 5B4CE5

 5B4CE5

 4635E5

 7063E5

 321EE5

 847AE5

 1D07E5

 9991E5

 1600E5

 AEA8E5

 C2BEE5

 D7D5E5

 ECECE5

 FFFF E5

Harmonies

Analogous

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



006FFE



5B4CE5



BF00AB

Triad

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



5B4CE5



AF4300



00816B

Complementary

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



5B4CE5



D6E54C

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.



007E15



5B4CE5



766500

Square

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



5B4CE5



D50018



1B7600



0082B5

Rectangle

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



5B4CE5



D9007A



1B7600



008050

Sweetspot

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



5B4CE5



D1CCFF



4CD8E5



646180



000000



808080

Same Dimension

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



5B4CE5



4733FF



A54CE5



686773



1100B3



050033

Inverse Universe

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



E54CD6



FF33EB



8CE54C



736772



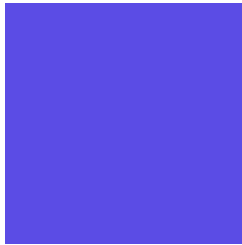
B300A1



33002E

Previews

White Background



This preview shows how the Hex color 5B4CE5 looks on a white background.

Color Contrast Check

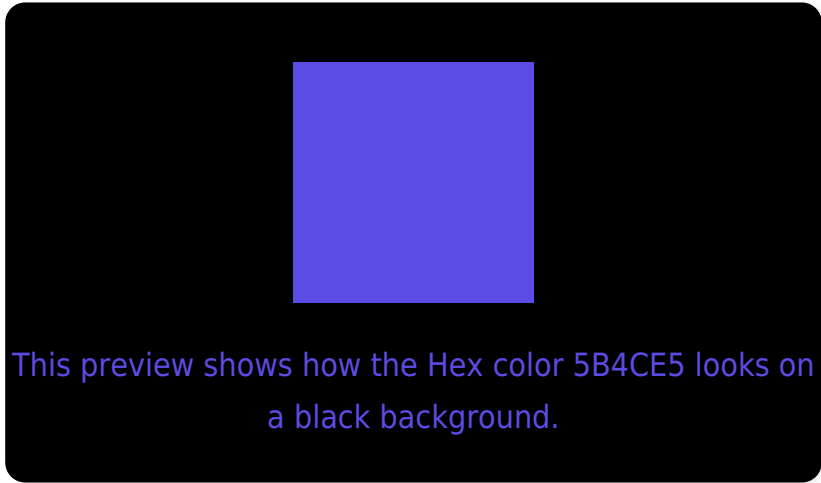
Large Text (above 18pt) WCAG AA ✓ Pass

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

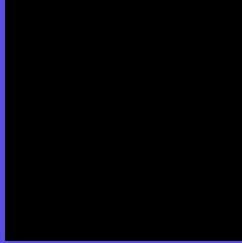
Any Text WCAG AA × Fail

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 5B4CE5 Background



This preview shows how black text looks on a background with the Hex color 5B4CE5.

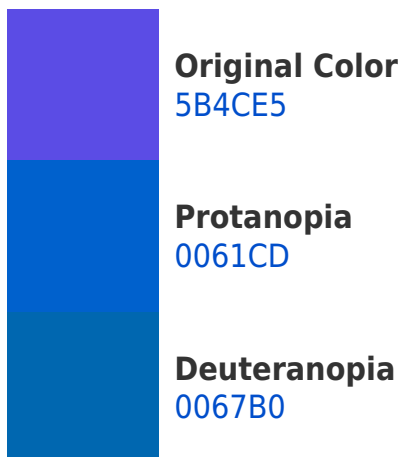


This preview shows how white text looks on a background with the Hex color 5B4CE5.

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
276E77

Trichromacy



Original Color
5B4CE5



Protanomaly
2159D6



Deuteranomaly
215DC3



Tritanomaly
3A629F

Monochromacy



Original Color
5B4CE5



Achromatopsia
626262



Achromatomaly
5F5A92

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4CE5 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 #5B4CE5 looks like.

```
.text, #text, p{  
    color:#5B4CE5  
}
```

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 #5B4CE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4CE5 }  
}
```

Border

The CSS property to change the border of an element to Hex 5B4CE5 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".

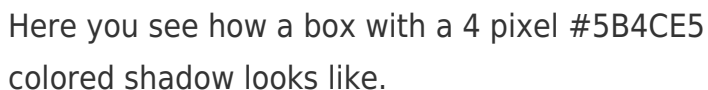
```
.border, #border, table{ border:4px solid #5B4CE5 }  
}
```

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

```
.border{ border-color:#5B4CE5 }
```

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

Here you see how a box with a 4 pixel #5B4CE5 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4CE5; -webkit-box-shadow:4px 4px  
4px 4px #5B4CE5; box-shadow:4px 4px 4px  
4px #5B4CE5 }
```

Background

The CSS property to change the background color of an element to Hex 5B4CE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4CE5 }
```

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

```
.background{ background-color:#5B4CE5 }
```

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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