

Converting Colors

Hex(5B3BB5)

Have a look what the booklet for
Hex(5B3BB5) contains.

Hex(5B3BB5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B3BB5)

Conversions

Conversions Part 1

Format	Color
Hex	5B3BB5
RGB	91, 59, 181
RGB Percent	36%, 23%, 71%
CMY	0.6431, 0.7686, 0.2902
CMYK	0.50, 0.67, 0.00, 0.29
HSL	256°, 51%, 47%
HSV	256°, 67%, 71%
XYZ	14.2188, 8.6883, 44.6437
YIQ	82.4760, -20.0900, 44.7260

Conversions

Conversions Part 2

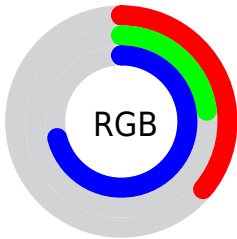
Format	Color
R_{YB}	91, 59, 181
Decimal	5979061
CIE _{Lab}	35.38, 43.97, -60.00
CIE _{LCh}	35, 74.389, 306.238
Yxy	8.6883, 0.2105, 0.1286
Android (android.graphics.Color)	4284169141 (0xFF5B3BB5)
YUV	82.4760, 48.5723, 7.4755
Hunter-Lab	29.4759, 34.5237, -69.1665

Details

The Hex color **5B3BB5** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **95B53B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **946CEE**, and **1A0A7F** is the 20% darker color. If you saturate the color by 10%, you get **4E29B5**, and if you desaturate by 10%, it is **684DB5**.

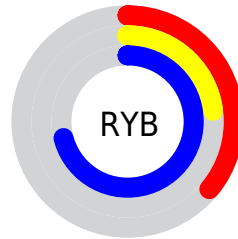
Distribution



Red (36%)

Green (23%)

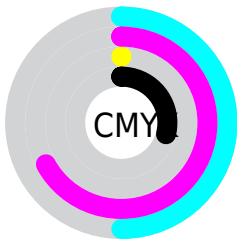
Blue (71%)



Red (36%)

Yellow (23%)

Blue (71%)

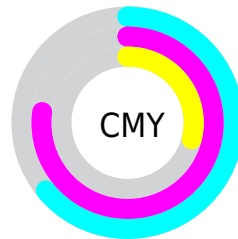


Cyan (50%)

Magenta (67%)

Yellow (0%)

Black (29%)



Cyan (64%)

Magenta (77%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B3BB5 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 5B3BB5 by changing the saturation by 10% instead.

■ 5B3BB5

■ 5B3BB5

FFFFFF

■ 3D239A

■ 946CEE

■ 1A0A7F

■ B186FF

■ 000065

■ CEA1FF

■ 00004C

■ ECBCFF

■ 000534

■ FFD9FF

■ 00021E

■ FFF5FF

■ 000001

■ 000000

■ 5B3BB5

■ 5B3BB5

■ 4E29B5

■ 684DB5

■ 4017B5

■ 765FB5

■ 3305B5

■ 8371B5

■ 2F00B5

■ 9083B5

■ 9E96B5

■ ABA8B5

■ B8BAB5

■ C6CCB5

■ D3DEB5

Harmonies

Analogous

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



0058CC



5B3BB5



A00084

Triad

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



5B3BB5



8B3C00



006A5F

Complementary

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



5B3BB5



95B53B

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.



00681E



5B3BB5



5B5500

Square

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



5B3BB5



AB000E



0C6200



006A99

Rectangle

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



5B3BB5



B3005D



0C6200



006A4A

Sweetspot

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



5B3BB5



C8BCEB



3B97B5



615975



F5F5F5



757575

Same Dimension

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



5B3BB5



5E2DEB



973BB5



535059



280099



07001A

Inverse Universe

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



B53B95



EB2DB9



5AB53B



595057



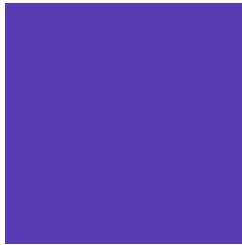
990071



1A0013

Previews

White Background



This preview shows how the Hex color 5B3BB5 looks on a white background.

Color Contrast Check

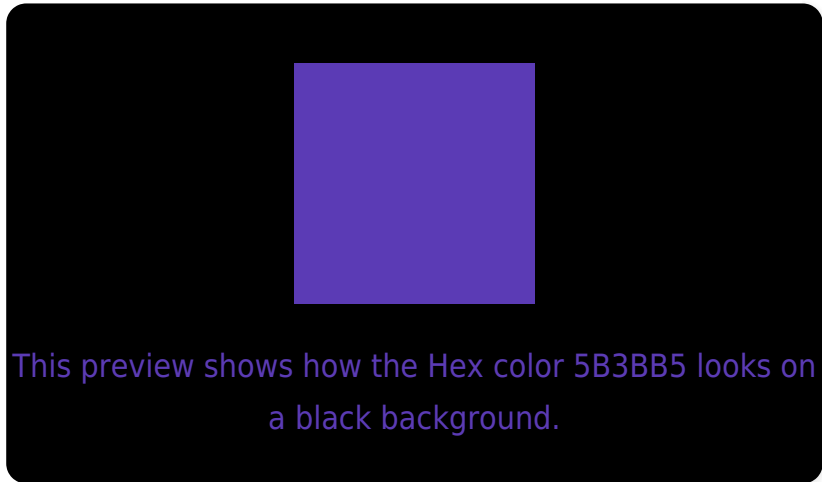
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

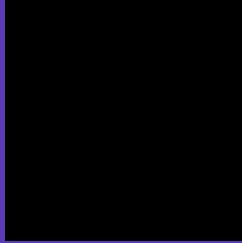
Any Text WCAG AA × Fail

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 5B3BB5 Background



This preview shows how black text looks on a background with the Hex color 5B3BB5.

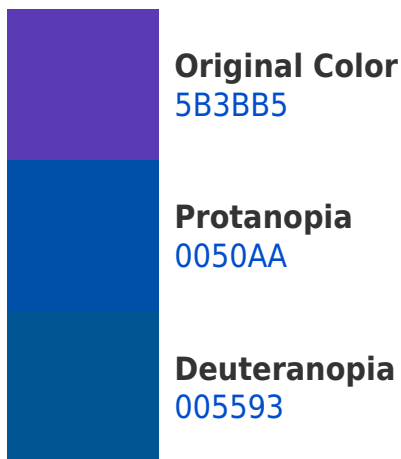


This preview shows how white text looks on a background with the Hex color 5B3BB5.

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](#).

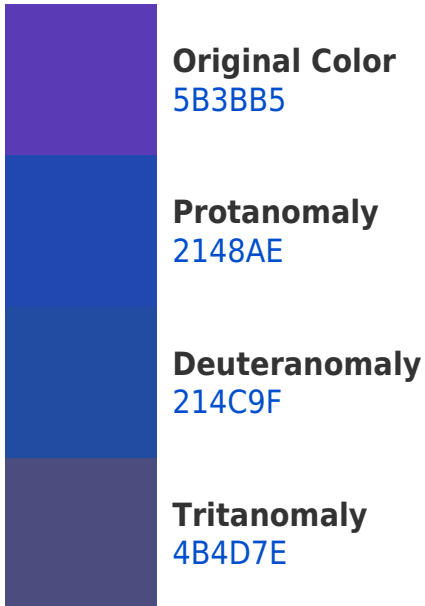
Dichromacy





Tritanopia
42575E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B3BB5 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 #5B3BB5 looks like.

```
.text, #text, p{  
    color:#5B3BB5  
}
```

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 #5B3BB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3BB5
}
```

Border

The CSS property to change the border of an element to Hex 5B3BB5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

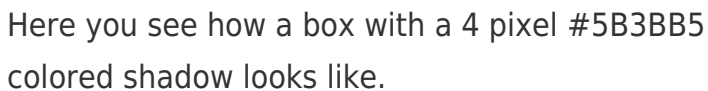
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B3BB5 }
```

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

```
.border{ border-color:#5B3BB5 }
```

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



Here you see how a box with a 4 pixel #5B3BB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3BB5; -webkit-box-shadow:4px 4px  
4px 4px #5B3BB5; box-shadow:4px 4px 4px  
4px #5B3BB5 }
```

Background

The CSS property to change the background color of an element to Hex 5B3BB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3BB5 }
```

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

```
.background{ background-color:#5B3BB5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor