

# Converting Colors

Hex(5C3DBB)

Have a look what the booklet for  
Hex(5C3DBB) contains.

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# Color

**Hex(5C3DBB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C3DBB
RGB	92, 61, 187
RGB Percent	36%, 24%, 73%
CMY	0.6392, 0.7608, 0.2667
CMYK	0.51, 0.67, 0.00, 0.27
HSL	255°, 51%, 49%
HSV	255°, 67%, 73%
XYZ	15.0520, 9.2007, 47.9963
YIQ	84.6330, -21.9700, 45.7580

# Conversions

## Conversions Part 2

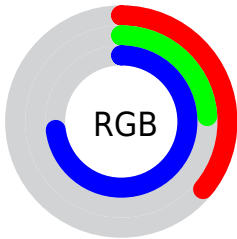
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 61, 187
Decimal	6045115
CIELab	36.37, 44.79, -61.92
CIELCh	36, 76.423, 305.880
Yxy	9.2007, 0.2083, 0.1273
Android (android.graphics.Color)	4284235195 (0xFF5C3DBB)
YUV	84.6330, 50.4669, 6.4609
Hunter-Lab	30.3326, 35.4955, -72.5838

# Details

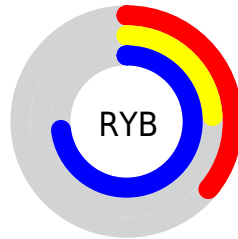
The Hex color **5C3DBB** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **9CBB3D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **966FF4**, and **1A0C85** is the 20% darker color. If you saturate the color by 10%, you get **4E2ABB**, and if you desaturate by 10%, it is **6A50BB**.

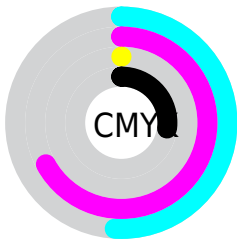
# Distribution



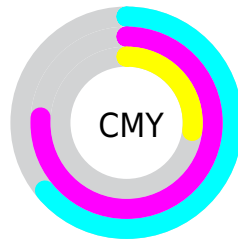
- Red (36%)
- Green (24%)
- Blue (73%)



- Red (36%)
- Yellow (24%)
- Blue (73%)



- Cyan (51%)
- Magenta (67%)
- Yellow (0%)
- Black (27%)



- Cyan (64%)
- Magenta (76%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C3DBB 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 5C3DBB by changing the saturation by 10% instead.



■ 5C3DBB

■ 5C3DBB

FFFFFF

■ 3E259F

■ 966FF4

■ 1A0C85

■ B389FF

■ 00006B

■ D0A3FF

■ 000052

■ EEBFFF

■ 000539

■ FFDBFF

■ 000223

■ FFF8FF

■ 00000A

■ 000000

■ 5C3DBB

■ 5C3DBB

■ 4E2ABB

■ 6A50BB

■ 4018BB

■ 7862BB

■ 3205BB

■ 8675BB

■ 2E00BB

■ 9488BB

■ A29BBB

■ B1ADBB

■ BFC0BB

■ CDD3BB

■ DBE5BB

# Harmonies

## Analogous

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



005BD3



5C3DBB



A40089

# Triad

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



5C3DBB



8F3E00



006D61

# Complementary

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



5C3DBB



9CBB3D

# 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.



006B1D



5C3DBB



5F5700

# Square

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



5C3DBB



B1000F



0E6500



006D9D

# Rectangle

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



5C3DBB



B80061



0E6500



006C4B



# Sweetspot

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



5C3DBB



CEC2F2



3D9EBB



645D7A



FAFAFA



7A7A7A



# Same Dimension

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



5C3DBB



5E2EF2



993DBB



57555E



27009E



08001F



# Inverse Universe

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



BB3D9C



F22EC2



5FBB3D



5E555C



9E0077

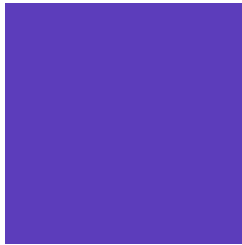


1F0017



# Previews

## White Background



This preview shows how the Hex color 5C3DBB looks on a white background.

## Color Contrast Check

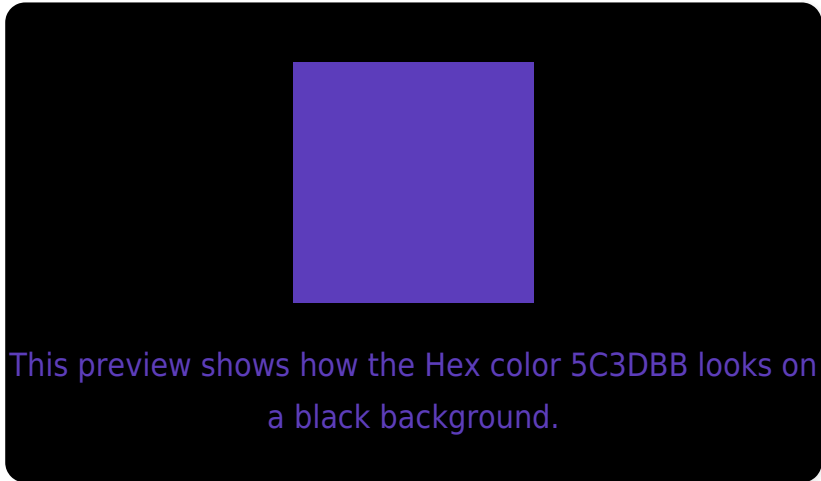
Large Text (above 18pt) WCAG AA ✓ Pass

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

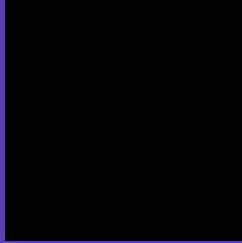
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C3DBB Background



This preview shows how black text looks on a background with the Hex color 5C3DBB.

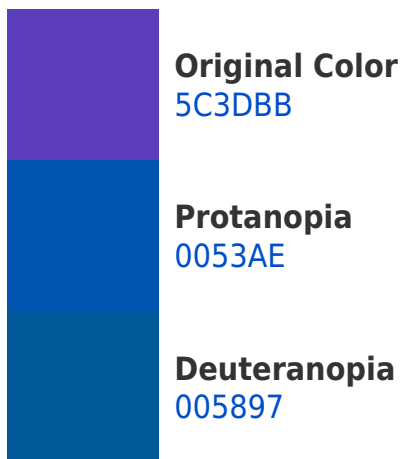



This preview shows how white text looks on a background with the Hex color 5C3DBB.

# 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**  
415A61

# Trichromacy



**Original Color**  
5C3DBB



**Protanomaly**  
214BB3



**Deuteranomaly**  
214EA4



**Tritanomaly**  
4B4F82

# Monochromacy



**Original Color**  
5C3DBB



**Achromatopsia**  
555555



**Achromatomaly**  
584C7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C3DBB 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 #5C3DBB looks like.

```
.text, #text, p{  
    color:#5C3DBB  
}
```

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 #5C3DBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C3DBB
}
```

## Border

The CSS property to change the border of an element to Hex 5C3DBB 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
#5C3DBB }
```

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

```
.border{ border-color:#5C3DBB }
```

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

Here you see how a box with a 4 pixel #5C3DBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C3DBB; -webkit-box-shadow:4px 4px  
4px 4px #5C3DBB; box-shadow:4px 4px 4px  
4px #5C3DBB }
```

# Background

The CSS property to change the background color of an element to Hex 5C3DBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C3DBB }
```

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

```
.background{ background-color:#5C3DBB }
```

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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