

# Converting Colors

Hex(5C3ECB)

Have a look what the booklet for  
Hex(5C3ECB) contains.

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# Color

Hex(5C3ECB)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C3ECB
RGB	92, 62, 203
RGB Percent	36%, 24%, 80%
CMY	0.6392, 0.7569, 0.2039
CMYK	0.55, 0.69, 0.00, 0.20
HSL	253°, 58%, 52%
HSV	253°, 69%, 80%
XYZ	16.9157, 10.0324, 57.5448
YIQ	87.0440, -27.3810, 50.2110

# Conversions

## Conversions Part 2

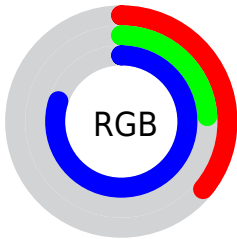
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 62, 203
Decimal	6045387
CIE <sub>Lab</sub>	37.90, 48.92, -68.77
CIE <sub>LCh</sub>	38, 84.392, 305.425
Yxy	10.0324, 0.2002, 0.1187
Android (android.graphics.Color)	4284235467 (0xFF5C3ECB)
YUV	87.0440, 57.1663, 4.3464
Hunter-Lab	31.6739, 39.9003, -85.5457

# Details

The Hex color **5C3ECB** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **ADCB3E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9870FF**, and **0F0C94** is the 20% darker color. If you saturate the color by 10%, you get **4C2ACB**, and if you desaturate by 10%, it is **6C52CB**.

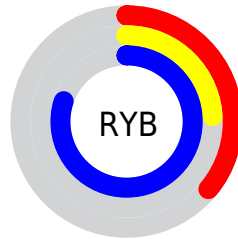
# Distribution



Red (36%)

Green (24%)

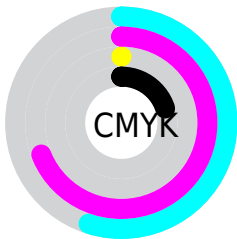
Blue (80%)



Red (36%)

Yellow (24%)

Blue (80%)

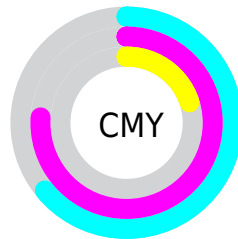


Cyan (55%)

Magenta (69%)

Yellow (0%)

Black (20%)



Cyan (64%)

Magenta (76%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C3ECB 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 5C3ECB by changing the saturation by 10% instead.



■ 5C3ECB

■ 5C3ECB

FFFFFF

■ 3C26AF

■ 9870FF

■ 0F0C94

■ B58AFF

■ 000079

■ D3A5FF

■ 00005F

■ F1C1FF

■ 000846

■ FFDDFF

■ 00042F

■ FFFAFF

■ 000119

■ 000000

■ 5C3ECB

■ 5C3ECB

 4C2ACB

 6C52CB

 3C15CB

 7C67CB

 2C01CB

 8C7BCB

 2B00CB

 9C8FCB

 ACA4CB

 BCB8CB

 CCCCCB

 DCE0CB

 ECF5CB

# Harmonies

## Analogous

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



0060E5



5C3ECB



AF0093

# Triad

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



5C3ECB



993D00



007364

# Complementary

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



5C3ECB



ADCB3E

# 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.



007018



5C3ECB



635B00

# Square

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



5C3ECB



BE000B



006A00



0073A8

# Rectangle

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



5C3ECB



C50067



006A00



00724C



# Sweetspot

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



5C3ECB



D5C9FF



3EAFCB



666080



000000



808080



# Same Dimension

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



5C3ECB



582BFF



A13ECB



5E5C66



2300A6



080026



# Inverse Universe

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



CB3EAD



FF2BD2



68CB3E



665C64



A60082

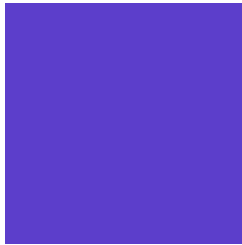


26001E



# Previews

## White Background



This preview shows how the Hex color 5C3ECB 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

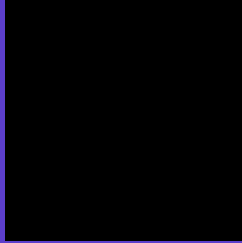
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C3ECB Background



This preview shows how black text looks on a background with the Hex color 5C3ECB.



This preview shows how white text looks on a background with the Hex color 5C3ECB.

# 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](#).

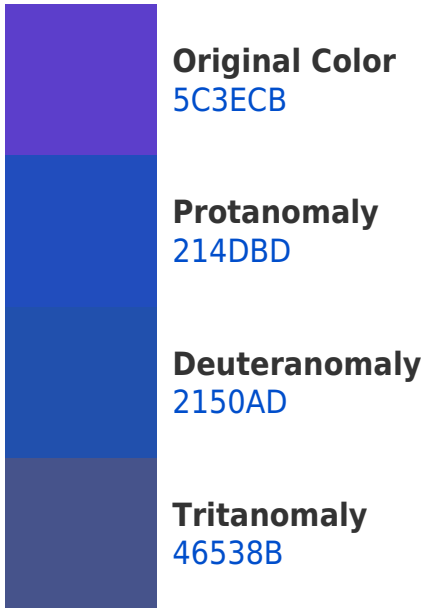
## Dichromacy





**Tritanopia**  
395F67

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C3ECB 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 #5C3ECB looks like.

```
.text, #text, p{  
    color:#5C3ECB  
}
```

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 #5C3ECB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C3ECB
}
```

## Border

The CSS property to change the border of an element to Hex 5C3ECB 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
#5C3ECB }
```

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

```
.border{ border-color:#5C3ECB }
```

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

Here you see how a box with a 4 pixel #5C3ECB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C3ECB; -webkit-box-shadow:4px 4px  
4px 4px #5C3ECB; box-shadow:4px 4px 4px  
4px #5C3ECB }
```

# Background

The CSS property to change the background color of an element to Hex 5C3ECB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C3ECB }
```

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

```
.background{ background-color:#5C3ECB }
```

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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