

# Converting Colors

Hex(5D1CB2)

Have a look what the booklet for  
Hex(5D1CB2) contains.

<b>Hex(5D1CB2)</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(5D1CB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D1CB2
RGB	93, 28, 178
RGB Percent	36%, 11%, 70%
CMY	0.6353, 0.8902, 0.3020
CMYK	0.48, 0.84, 0.00, 0.30
HSL	266°, 73%, 40%
HSV	266°, 84%, 70%
XYZ	12.9653, 6.3720, 42.6661
YIQ	64.5350, -9.4100, 60.4300

# Conversions

## Conversions Part 2

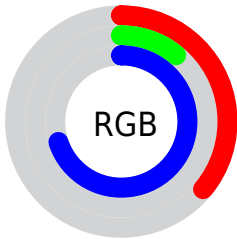
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 28, 178
Decimal	6102194
CIE <sub>Lab</sub>	30.33, 57.68, -66.47
CIE <sub>LCh</sub>	30, 88.006, 310.949
Yxy	6.3720, 0.2091, 0.1028
Android (android.graphics.Color)	4284292274 (0xFF5D1CB2)
YUV	64.5350, 55.9382, 24.9638
Hunter-Lab	25.2429, 47.5069, -82.5433

# Details

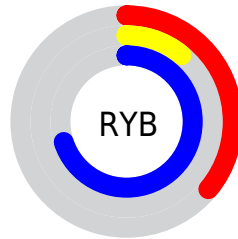
The Hex color **5D1CB2** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **71B21C**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **9752EB**, and **1A007C** is the 20% darker color. If you saturate the color by 10%, you get **530AB2**, and if you desaturate by 10%, it is **672EB2**.

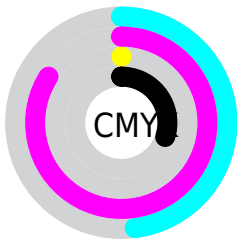
# Distribution



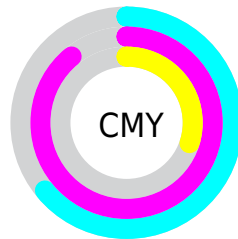
- Red (36%)
- Green (11%)
- Blue (70%)



- Red (36%)
- Yellow (11%)
- Blue (70%)



- Cyan (48%)
- Magenta (84%)
- Yellow (0%)
- Black (30%)



- Cyan (64%)
- Magenta (89%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D1CB2 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 5D1CB2 by changing the saturation by 10% instead.



5D1CB2

5D1CB2

FFFFFF

3F0097

9752EB

1A007C

B56DFF

000062

D288FF

000049

F0A3FF

000432

FFBFFF

00011C

FFDBFF

000000

FFF9FF

5D1CB2

5D1CB2

■ 530AB2

■ 672EB2

■ 4D00B2

■ 7140B2

■ 7B51B2

■ 8563B2

■ 8F75B2

■ 9A87B2

■ A499B2

■ AEAAB2

■ B8BCB2

# Harmonies

## Analogous

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



004BD3



5D1CB2



A40076

# Triad

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



5D1CB2



7A3200



005F60

# Complementary

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



5D1CB2



71B21C

# 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.



005D14



5D1CB2



414D00

# Square

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



5D1CB2



A30000



005800



0060A2

# Rectangle

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



5D1CB2



B40049



005800



005E48



# Sweetspot

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



5D1CB2



C7AEE8



1C71B2



615275



F5F5F5



757575



# Same Dimension

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



5D1CB2



6500E8



A81CB2



545059



420099



0B001A



# Inverse Universe

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



B21C71



E80083



26B21C



595055



990057

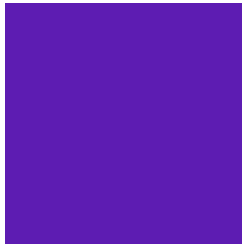


1A000E



# Previews

## White Background



This preview shows how the Hex color 5D1CB2 looks on a white background.

## Color Contrast Check

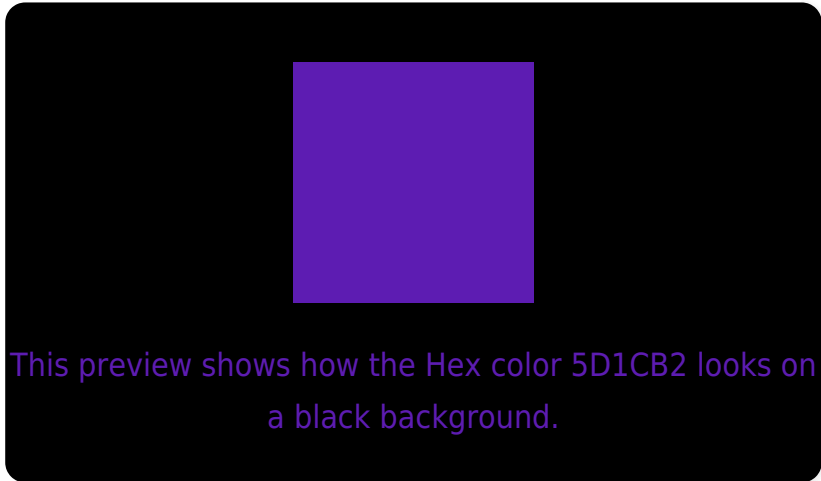
Large Text (above 18pt) WCAG AA ✓ Pass

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

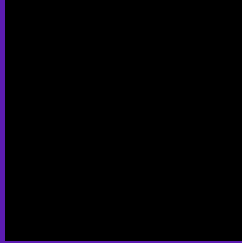
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D1CB2 Background



This preview shows how black text looks on a background with the Hex color 5D1CB2.




This preview shows how white text looks on a background with the Hex color 5D1CB2.

# 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**  
43494F

# Trichromacy



**Original Color**  
5D1CB2



**Protanomaly**  
22379E



**Deuteranomaly**  
223991



**Tritanomaly**  
4C3973

# Monochromacy



**Original Color**  
5D1CB2



**Achromatopsia**  
414141



**Achromatomaly**  
4B346A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D1CB2 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 #5D1CB2 looks like.

```
.text, #text, p{  
    color:#5D1CB2  
}
```

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 #5D1CB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D1CB2
}
```

## Border

The CSS property to change the border of an element to Hex 5D1CB2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

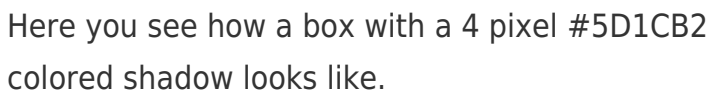
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D1CB2 }
```

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

```
.border{ border-color:#5D1CB2 }
```

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



Here you see how a box with a 4 pixel #5D1CB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D1CB2; -webkit-box-shadow:4px 4px  
4px 4px #5D1CB2; box-shadow:4px 4px 4px  
4px #5D1CB2 }
```

# Background

The CSS property to change the background color of an element to Hex 5D1CB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D1CB2 }
```

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

```
.background{ background-color:#5D1CB2 }
```

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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