

Converting Colors

Hex(5C2CD1)

Have a look what the booklet for
Hex(5C2CD1) contains.

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Color

Hex(5C2CD1)

Conversions

Conversions Part 1

Format	Color
Hex	5C2CD1
RGB	92, 44, 209
RGB Percent	36%, 17%, 82%
CMY	0.6392, 0.8275, 0.1804
CMYK	0.56, 0.79, 0.00, 0.18
HSL	257°, 65%, 50%
HSV	257°, 79%, 82%
XYZ	16.8229, 8.6801, 61.1104
YIQ	77.1620, -24.3570, 61.4910

Conversions

Conversions Part 2

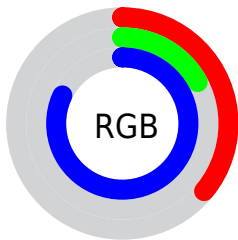
Format	Color
RYB	92, 44, 209
Decimal	6040785
CIELab	35.36, 59.35, -76.42
CIELCh	35, 96.759, 307.833
Yxy	8.6801, 0.1942, 0.1002
Android (android.graphics.Color)	4284230865 (0xFF5C2CD1)
YUV	77.1620, 64.9961, 13.0129
Hunter-Lab	29.4621, 50.3656, -102.3562

Details

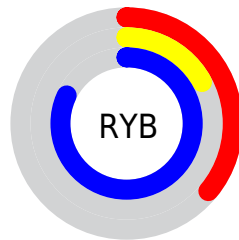
The Hex color **5C2CD1** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed blue. A complement of this color would be **A1D12C**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **9A60FF**, and **010099** is the 20% darker color. If you saturate the color by 10%, you get **4D17D1**, and if you desaturate by 10%, it is **6B41D1**.

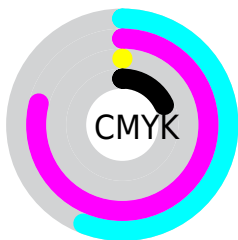
Distribution



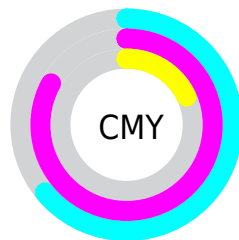
- Red (36%)
- Green (17%)
- Blue (82%)



- Red (36%)
- Yellow (17%)
- Blue (82%)



- Cyan (56%)
- Magenta (79%)
- Yellow (0%)
- Black (18%)



- Cyan (64%)
- Magenta (83%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C2CD1 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 5C2CD1 by changing the saturation by 10% instead.

 5C2CD1

 5C2CD1

FFFFFF

 3A0EB5

 9A60FF

 010099

 B87BFF

 00007E

 D696FF

 000064

 F5B1FF

 00094B

 FFCDFE

 000433

 FFEAFF

 00021D

 000000

 5C2CD1

 5C2CD1

■ 4D17D1

■ 6B41D1

■ 3E02D1

■ 7A56D1

■ 3D00D1

■ 886BD1

■ 9780D1

■ A695D1

■ B5A9D1

■ C4BED1

■ D3D3D1

■ E1E8D1

Harmonies

Analogous

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



005AF2



5C2CD1



B7008F

Triad

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



5C2CD1



923600



006D67

Complementary

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



5C2CD1



A1D12C

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.



006B0C



5C2CD1



545700

Square

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



5C2CD1



BE0000



006500



006FB3

Rectangle

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



5C2CD1



CC005D



006500



006D4B

Sweetspot

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



5C2CD1



D4C2FF



2CA2D1



655B80



000000



808080

Same Dimension

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



5C2CD1



530DFF



AD2CD1



615E69



3100A8



0C0029

Inverse Universe

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



D12CA1



FF0DB9



50D12C



695E66



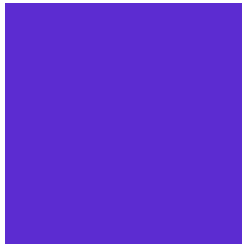
A80077



29001D

Previews

White Background



This preview shows how the Hex color 5C2CD1 looks on a white background.

Color Contrast Check

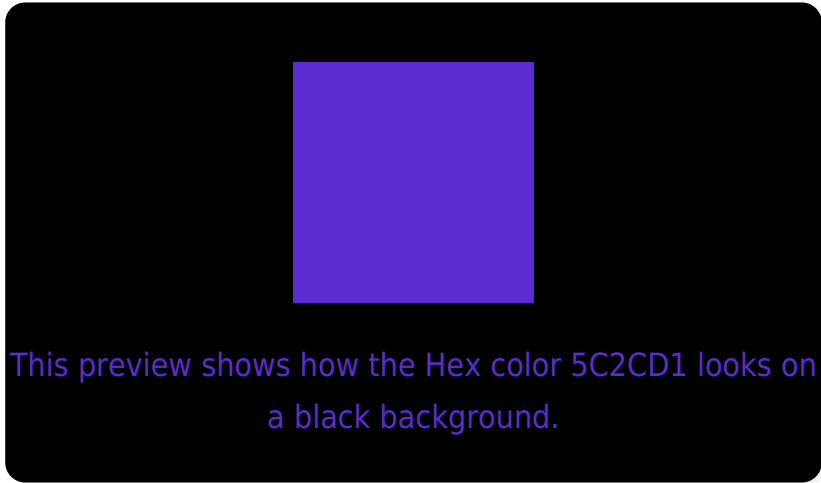
Large Text (above 18pt) WCAG AA ✓ Pass

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

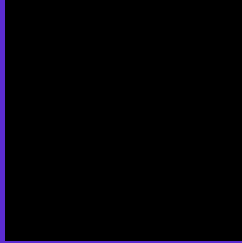
Any Text WCAG AA × Fail

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 5C2CD1 Background



This preview shows how black text looks on a background with the Hex color 5C2CD1.

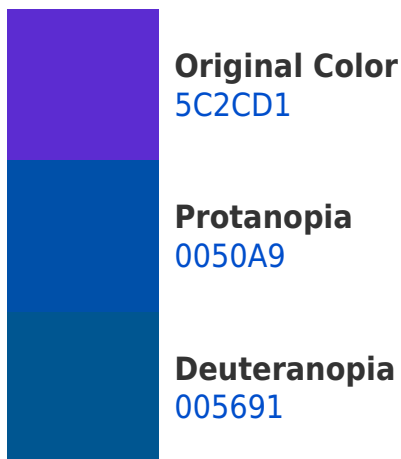



This preview shows how white text looks on a background with the Hex color 5C2CD1.

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
335960

Trichromacy



Original Color
5C2CD1



Protanomaly
2143B8



Deuteranomaly
2147A8



Tritanomaly
424989

Monochromacy



Original Color
5C2CD1



Achromatopsia
4D4D4D



Achromatomaly
52417D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C2CD1 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 #5C2CD1 looks like.

```
.text, #text, p{  
    color:#5C2CD1  
}
```

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 #5C2CD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C2CD1
}
```

Border

The CSS property to change the border of an element to Hex 5C2CD1 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
#5C2CD1 }
```

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

```
.border{ border-color:#5C2CD1 }
```

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

Here you see how a box with a 4 pixel #5C2CD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C2CD1; -webkit-box-shadow:4px 4px  
4px 4px #5C2CD1; box-shadow:4px 4px 4px  
4px #5C2CD1 }
```

Background

The CSS property to change the background color of an element to Hex 5C2CD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C2CD1 }
```

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

```
.background{ background-color:#5C2CD1 }
```

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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