

Converting Colors

Hex(5C00DD)

Have a look what the booklet for
Hex(5C00DD) contains.

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Color

Hex(5C00DD)

Conversions

Conversions Part 1

Format	Color
Hex	5C00DD
RGB	92, 0, 221
RGB Percent	36%, 0%, 87%
CMY	0.6392, 1.0000, 0.1333
CMYK	0.58, 1.00, 0.00, 0.13
HSL	265°, 100%, 43%
HSV	265°, 100%, 87%
XYZ	17.4648, 7.4958, 68.9329
YIQ	52.7020, -16.1090, 88.2350

Conversions

Conversions Part 2

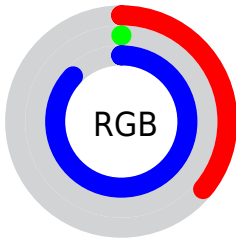
Format	Color
RYB	92, 0, 221
Decimal	6029533
CIELab	32.91, 73.44, -87.40
CIElCh	33, 114.162, 310.037
Yxy	7.4958, 0.1860, 0.0798
Android (android.graphics.Color)	4284219613 (0xFF5C00DD)
YUV	52.7020, 82.9709, 34.4643
Hunter-Lab	27.3784, 65.9536, -130.1146

Details

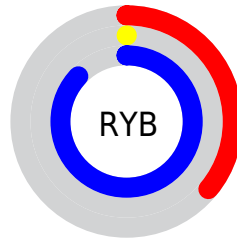
The Hex color **5C00DD** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **81DD00**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **9D4AFF**, and **0000A4** is the 20% darker color. If you saturate the color by 10%, you get **5C00DD**, and if you desaturate by 10%, it is **6916DD**.

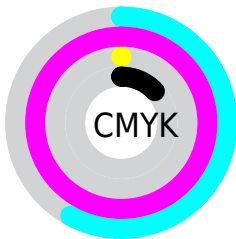
Distribution



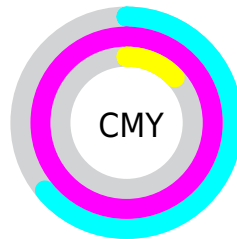
- Red (36%)
- Green (0%)
- Blue (87%)



- Red (36%)
- Yellow (0%)
- Blue (87%)



- Cyan (58%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)



- Cyan (64%)
- Magenta (100%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C00DD 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 5C00DD by changing the saturation by 10% instead.

 5C00DD

 5C00DD


FFFFFF

 3600C0

 9D4AFF

 0000A4

 BC66FF

 000089

 DB82FF

 00006E

 FA9EFF

 000C55

 FFBAFF

 00063C

 FFD7FF

 000226

 FFF4FF

 00010F

 000000

 5C00DD

 6916DD

 762CDD

 8342DD

 9058DD

 9D6FDD

 A985DD

 B69BDD

 C3B1DD

 D0C7DD

Harmonies

Analogous

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



0056FF



5C00DD



C4008D

Triad

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



5C00DD



8E2D00



00696B

Complementary

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



5C00DD



81DD00

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.



006600



5C00DD



435400

Square

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



5C00DD



C20000



006200



006CC4

Rectangle

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



5C00DD



D80052



006200



00684C

Sweetspot

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



5C00DD



D2B3FF



0085DD



655280



000000



808080

Same Dimension

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



5C00DD



6A00FF



C700DD



67636E



4800AD



13002E

Inverse Universe

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



DD0081



FF0095



16DD00



6E6369



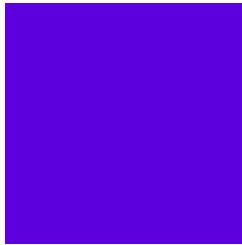
AD0065



2E001B

Previews

White Background



This preview shows how the Hex color 5C00DD looks on a white background.

Color Contrast Check

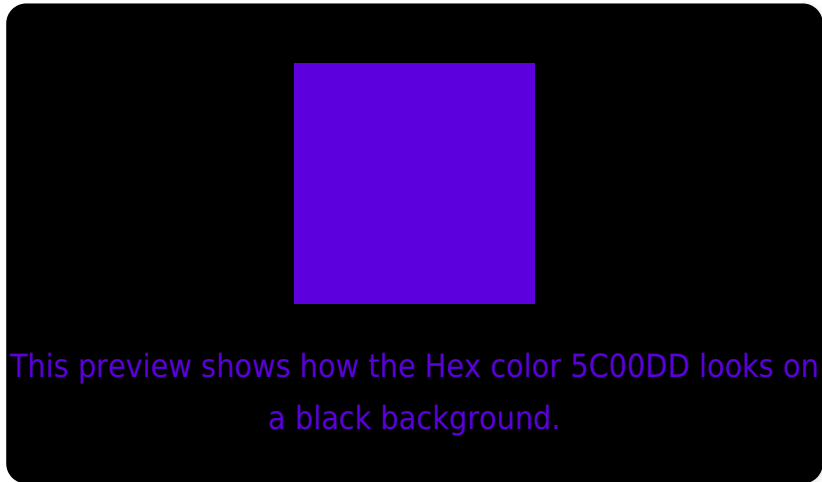
Large Text (above 18pt) WCAG AA ✓ Pass

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

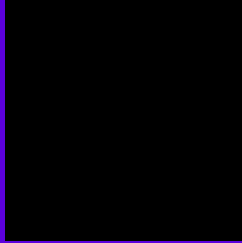
Any Text WCAG AA × Fail

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 5C00DD Background



This preview shows how black text looks on a background with the Hex color 5C00DD.



This preview shows how white text looks on a background with the Hex color 5C00DD.

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



Original Color
5C00DD

Protanopia
004CA0

Deuteranopia
005289

Trichromacy



Original Color
5C00DD



Protanomaly
2130B6



Deuteranomaly
2134A8



Tritanomaly
3A378C

Monochromacy



Original Color
5C00DD



Achromatopsia
353535



Achromatomaly
432272

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C00DD 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 #5C00DD looks like.

```
.text, #text, p{  
    color:#5C00DD  
}
```

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 #5C00DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C00DD
}
```

Border

The CSS property to change the border of an element to Hex 5C00DD 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".

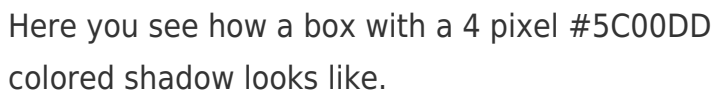
```
.border, #border, table{ border:4px solid
#5C00DD }
```

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

```
.border{ border-color:#5C00DD }
```

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

Here you see how a box with a 4 pixel #5C00DD colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #5C00DD color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C00DD; -webkit-box-shadow:4px 4px  
4px 4px #5C00DD; box-shadow:4px 4px 4px  
4px #5C00DD }
```

Background

The CSS property to change the background color of an element to Hex 5C00DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C00DD }
```

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

```
.background{ background-color:#5C00DD }
```

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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