

Converting Colors

Hex(5C00BF)

Have a look what the booklet for
Hex(5C00BF) contains.

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Color

Hex(5C00BF)

Conversions

Conversions Part 1

Format	Color
Hex	5C00BF
RGB	92, 0, 191
RGB Percent	36%, 0%, 75%
CMY	0.6392, 1.0000, 0.2510
CMYK	0.52, 1.00, 0.00, 0.25
HSL	269°, 100%, 37%
HSV	269°, 100%, 75%
XYZ	13.8176, 6.0369, 49.7272
YIQ	49.2820, -6.4790, 78.9050

Conversions

Conversions Part 2

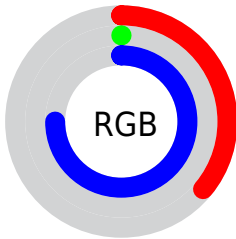
Format	Color
RYB	92, 0, 191
Decimal	6029503
CIELab	29.51, 66.76, -75.56
CIElCh	30, 100.831, 311.462
Yxy	6.0369, 0.1986, 0.0868
Android (android.graphics.Color)	4284219583 (0xFF5C00BF)
YUV	49.2820, 69.8670, 37.4637
Hunter-Lab	24.5701, 57.3862, -102.7974

Details

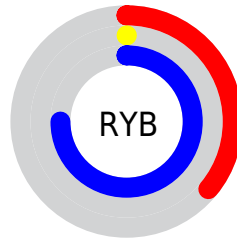
The Hex color **5C00BF** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **63BF00**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **9947F9**, and **0C0088** is the 20% darker color. If you saturate the color by 10%, you get **5C00BF**, and if you desaturate by 10%, it is **6613BF**.

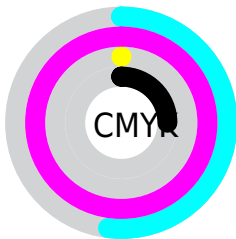
Distribution



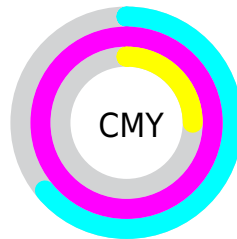
- Red (36%)
- Green (0%)
- Blue (75%)



- Red (36%)
- Yellow (0%)
- Blue (75%)



- Cyan (52%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (64%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C00BF 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 5C00BF by changing the saturation by 10% instead.

 5C00BF

 5C00BF

FFFFFF

 3B00A3

 9947F9

 0C0088

 B762FF

 00006E

 D57DFF

 000054

 F399FF

 00063C

 FFB5FF

 000225

 FFD2FF

 00010E

 FFEFFF

 000000

 5C00BF

 6613BF

 7026BF

 7A39BF

 844CBF

 8D60BF

 9773BF

 A186BF

 AB99BF

 B5ACBF

Harmonies

Analogous

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



004BE6



5C00BF



AF0079

Triad

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



5C00BF



7C2C00



005E63

Complementary

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



5C00BF



63BF00

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.



005C08



5C00BF



3A4C00

Square

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



5C00BF



AA0000



005800



0060AF

Rectangle

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



5C00BF



BF0046



005800



005D48

Sweetspot

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



5C00BF



D1ADF7



0066BF



66507D



FCFCFC



7D7D7D

Same Dimension

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



5C00BF



7700F7



B900BF



59555E



4C009E



0F001F

Inverse Universe

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



BF0063



F70080



06BF00



5E555A



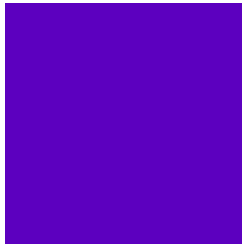
9E0052



1F0010

Previews

White Background



This preview shows how the Hex color 5C00BF looks on a white background.

Color Contrast Check

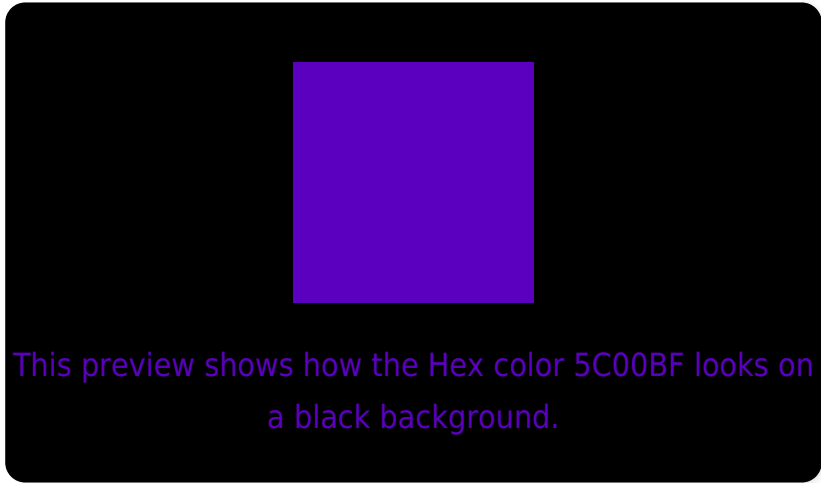
Large Text (above 18pt) WCAG AA ✓ Pass

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

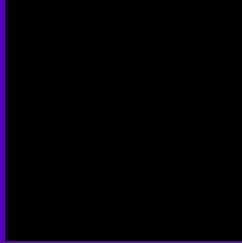
Any Text WCAG AA × Fail

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 5C00BF Background



This preview shows how black text looks on a background with the Hex color 5C00BF.



This preview shows how white text looks on a background with the Hex color 5C00BF.

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](#).

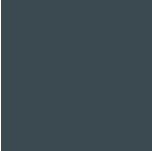
Dichromacy



Original Color
5C00BF

Protanopia
004592

Deuteranopia
004A7D



Tritanopia
3B4A50

Trichromacy



Original Color
5C00BF

Protanomaly
212CA2

Deuteranomaly
212F95

Tritanomaly
472F78

Monochromacy



Original Color
5C00BF

Achromatopsia
313131

Achromatomaly
411F65

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C00BF 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 #5C00BF looks like.

```
.text, #text, p{  
    color:#5C00BF  
}
```

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 #5C00BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C00BF
}
```

Border

The CSS property to change the border of an element to Hex 5C00BF 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".

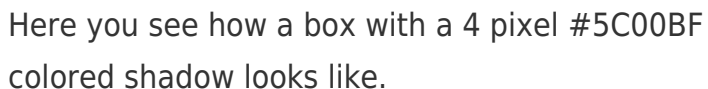
```
.border, #border, table{ border:4px solid
#5C00BF }
```

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

```
.border{ border-color:#5C00BF }
```

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

Here you see how a box with a 4 pixel #5C00BF 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 to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C00BF; -webkit-box-shadow:4px 4px  
4px 4px #5C00BF; box-shadow:4px 4px 4px  
4px #5C00BF }
```

Background

The CSS property to change the background color of an element to Hex 5C00BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C00BF }
```

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

```
.background{ background-color:#5C00BF }
```

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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