

Converting Colors

Hex(5C00B3)

Have a look what the booklet for
Hex(5C00B3) contains.

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Color

Hex(5C00B3)

Conversions

Conversions Part 1

Format	Color
Hex	5C00B3
RGB	92, 0, 179
RGB Percent	36%, 0%, 70%
CMY	0.6392, 1.0000, 0.2980
CMYK	0.49, 1.00, 0.00, 0.30
HSL	271°, 100%, 35%
HSV	271°, 100%, 70%
XYZ	12.5503, 5.5300, 43.0537
YIQ	47.9140, -2.6270, 75.1730

Conversions

Conversions Part 2

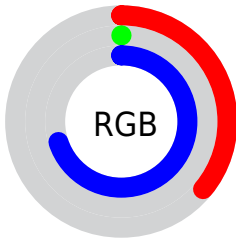
Format	Color
RYB	92, 0, 179
Decimal	6029491
CIELab	28.19, 64.12, -70.60
CIELCh	28, 95.369, 312.246
Yxy	5.5300, 0.2053, 0.0905
Android (android.graphics.Color)	4284219571 (0xFF5C00B3)
YUV	47.9140, 64.6254, 38.6634
Hunter-Lab	23.5159, 54.1116, -92.0890

Details

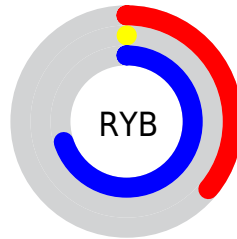
The Hex color **5C00B3** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **57B300**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **9745EC**, and **15007D** is the 20% darker color. If you saturate the color by 10%, you get **5C00B3**, and if you desaturate by 10%, it is **6512B3**.

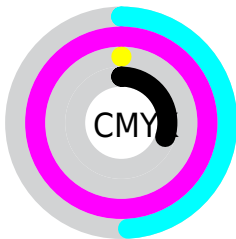
Distribution



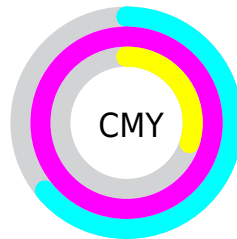
- Red (36%)
- Green (0%)
- Blue (70%)



- Red (36%)
- Yellow (0%)
- Blue (70%)



- Cyan (49%)
- Magenta (100%)
- Yellow (0%)
- Black (30%)



- Cyan (64%)
- Magenta (100%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C00B3 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 5C00B3 by changing the saturation by 10% instead.

 5C00B3

 5C00B3

FFFFFF

 3D0097

 9745EC

 15007D

 B560FF

 000063

 D37CFF

 00004A

 F197FF

 000432

 FFB3FF

 00021C

 FFD0FF

 000000

 FFEDFF

 5C00B3

■ 6512B3

■ 6D24B3

■ 7636B3

■ 7F48B3

■ 885AB3

■ 906BB3

■ 997DB3

■ A28FB3

■ AAA1B3

Harmonies

Analogous

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



0047D9



5C00B3



A70071

Triad

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



5C00B3



742D00



005A60

Complementary

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



5C00B3



57B300

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.



00580D



5C00B3



364900

Square

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



5C00B3



A00000



005400



005CA7

Rectangle

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



5C00B3



B50041



005400



005947

Sweetspot

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



5C00B3



C6A2E8



005AB3



614B75



F5F5F5



757575

Same Dimension

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



5C00B3



7700E8



B300B3



555059



4F0099



0D001A

Inverse Universe

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



B30057



E80071



00B300



595055



99004A



1A000C

Previews

White Background



This preview shows how the Hex color 5C00B3 looks on a white background.

Color Contrast Check

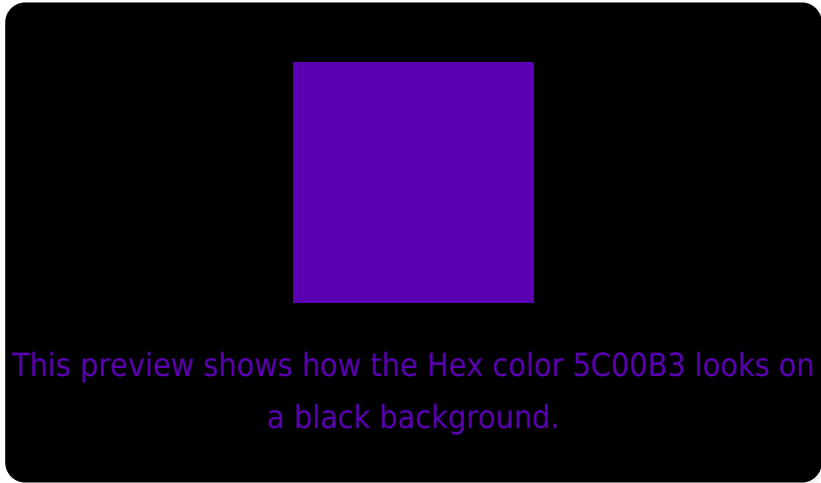
Large Text (above 18pt) WCAG AA ✓ Pass

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

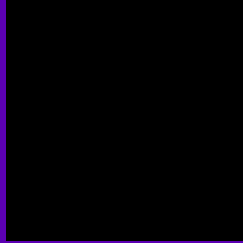
Any Text WCAG AA × Fail

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 5C00B3 Background



This preview shows how black text looks on a background with the Hex color 5C00B3.



This preview shows how white text looks on a background with the Hex color 5C00B3.

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
5C00B3

Protanopia
00438C

Deuteranopia
004778



Tritanopia
40464B

Trichromacy



Original Color
5C00B3

Protanomaly
212B9A

Deuteranomaly
212D8D

Tritanomaly
4A2D71

Monochromacy



Original Color
5C00B3

Achromatopsia
303030

Achromatomaly
401F60

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C00B3 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 #5C00B3 looks like.

```
.text, #text, p{  
    color:#5C00B3  
}
```

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 #5C00B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C00B3
}
```

Border

The CSS property to change the border of an element to Hex 5C00B3 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
#5C00B3 }
```

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

```
.border{ border-color:#5C00B3 }
```

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

Here you see how a box with a 4 pixel #5C00B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C00B3; -webkit-box-shadow:4px 4px  
4px 4px #5C00B3; box-shadow:4px 4px 4px  
4px #5C00B3 }
```

Background

The CSS property to change the background color of an element to Hex 5C00B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C00B3 }
```

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

```
.background{ background-color:#5C00B3 }
```

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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