

Converting Colors

Hex(5011CC)

Have a look what the booklet for
Hex(5011CC) contains.

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Color

Hex(5011CC)

Conversions

Conversions Part 1

Format	Color
Hex	5011CC
RGB	80, 17, 204
RGB Percent	31%, 7%, 80%
CMY	0.6863, 0.9333, 0.2000
CMYK	0.61, 0.92, 0.00, 0.20
HSL	260°, 85%, 43%
HSV	260°, 92%, 80%
XYZ	14.4078, 6.4660, 57.6154
YIQ	57.1550, -22.4790, 71.5130

Conversions

Conversions Part 2

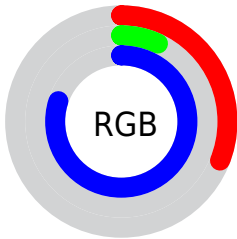
Format	Color
R_{YB}	80, 17, 204
Decimal	5247436
CIE _{Lab}	30.56, 65.91, -81.49
CIE _{LCh}	31, 104.812, 308.966
Yxy	6.4660, 0.1836, 0.0824
Android (android.graphics.Color)	4283437516 (0xFF5011CC)
YUV	57.1550, 72.3946, 20.0351
Hunter-Lab	25.4283, 56.6392, -116.5392

Details

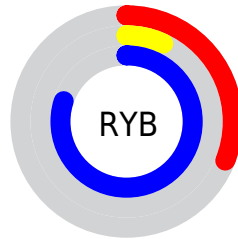
The Hex color **5011CC** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **8DCC11**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **904DFF**, and **000094** is the 20% darker color. If you saturate the color by 10%, you get **4500CC**, and if you desaturate by 10%, it is **5E25CC**.

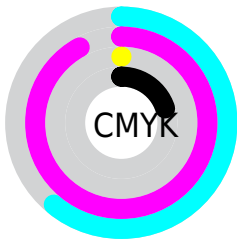
Distribution



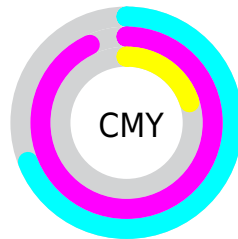
- Red (31%)
- Green (7%)
- Blue (80%)



- Red (31%)
- Yellow (7%)
- Blue (80%)



- Cyan (61%)
- Magenta (92%)
- Yellow (0%)
- Black (20%)



- Cyan (69%)
- Magenta (93%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5011CC 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 5011CC by changing the saturation by 10% instead.

 5011CC

 5011CC

FFFFFF

 2900B0

 904DFF

 000094

 AF68FF

 000079

 CD83FF

 00005F

 EC9EFF

 000846

 FFBAFF

 00042F

 FFD7FF

 000119

 FFF4FF

 000000

 5011CC

 5011CC

■ 4500CC

■ 5E25CC

■ 6B3ACC

■ 794ECC

■ 8663CC

■ 9477CC

■ A18BCC

■ AFA0CC

■ BCB4CC

■ CAC9CC

Harmonies

Analogous

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



0050F2



5011CC



B20085

Triad

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



5011CC



852800



006160

Complementary

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



5011CC



8DCC11

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.



005F00



5011CC



424D00

Square

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



5011CC



B40000



005A00



0064B1

Rectangle

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



5011CC



C6004F



005A00



006043

Sweetspot

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



5011CC



D0B8FF



118ECC



635480



000000



808080

Same Dimension

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



5011CC



5600FF



AD11CC



5F5C66



3800A6



0D0026

Inverse Universe

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



CC118D



FF00A9



30CC11



665C63



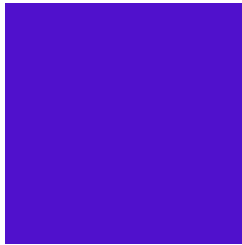
A6006E



260019

Previews

White Background



This preview shows how the Hex color 5011CC looks on a white background.

Color Contrast Check

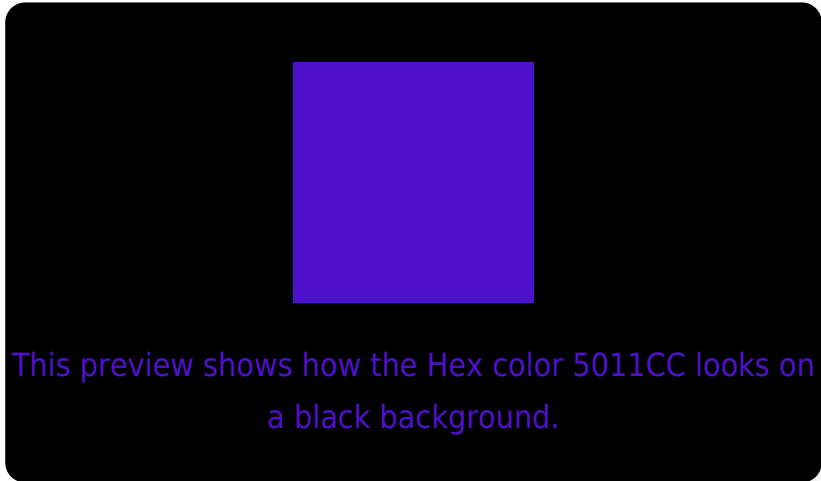
Large Text (above 18pt) WCAG AA ✓ Pass

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

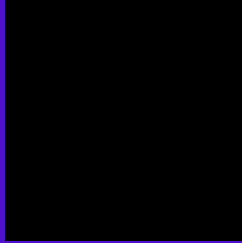
Any Text WCAG AA × Fail

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 5011CC Background



This preview shows how black text looks on a background with the Hex color 5011CC.

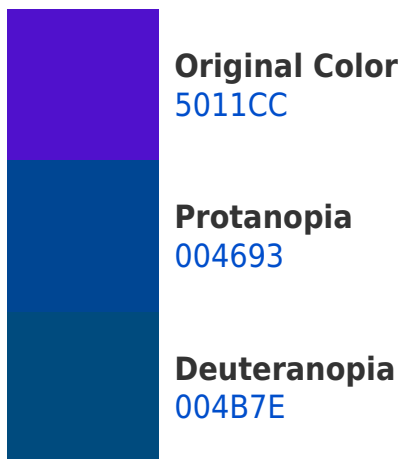


This preview shows how white text looks on a background with the Hex color 5011CC.

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
105057

Trichromacy



Original Color
5011CC



Protanomaly
1D33A8



Deuteranomaly
1D369A



Tritanomaly
273982

Monochromacy



Original Color
5011CC



Achromatopsia
393939



Achromatomaly
412A6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5011CC 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 #5011CC looks like.

```
.text, #text, p{  
    color:#5011CC  
}
```

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 #5011CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5011CC
}
```

Border

The CSS property to change the border of an element to Hex 5011CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

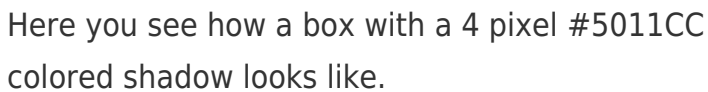
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5011CC }
```

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

```
.border{ border-color:#5011CC }
```

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



Here you see how a box with a 4 pixel #5011CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5011CC; -webkit-box-shadow:4px 4px  
4px 4px #5011CC; box-shadow:4px 4px 4px  
4px #5011CC }
```

Background

The CSS property to change the background color of an element to Hex 5011CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5011CC }
```

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

```
.background{ background-color:#5011CC }
```

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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