

# Converting Colors

Hex(6C02C2)

Have a look what the booklet for  
Hex(6C02C2) contains.

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**Color**

**Hex(6C02C2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C02C2
RGB	108, 2, 194
RGB Percent	42%, 1%, 76%
CMY	0.5765, 0.9922, 0.2392
CMYK	0.44, 0.99, 0.00, 0.24
HSL	273°, 98%, 38%
HSV	273°, 99%, 76%
XYZ	15.9437, 7.1266, 51.5742
YIQ	55.5820, 1.5440, 82.1840

# Conversions

## Conversions Part 2

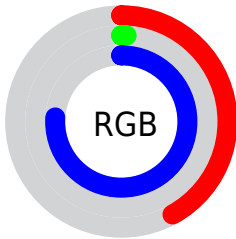
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 2, 194
Decimal	7078594
CIE <sub>Lab</sub>	32.09, 68.45, -72.98
CIE <sub>LCh</sub>	32, 100.062, 313.166
Yxy	7.1266, 0.2136, 0.0955
Android (android.graphics.Color)	4285268674 (0xFF6C02C2)
YUV	55.5820, 68.2401, 45.9706
Hunter-Lab	26.6957, 59.8893, -95.8571

# Details

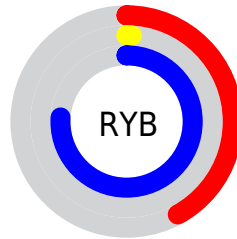
The Hex color **6C02C2** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **58C202**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **A84AFC**, and **2B008B** is the 20% darker color. If you saturate the color by 10%, you get **6B00C2**, and if you desaturate by 10%, it is **7515C2**.

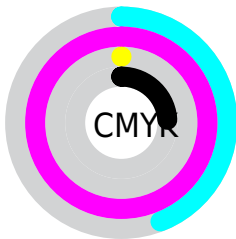
# Distribution



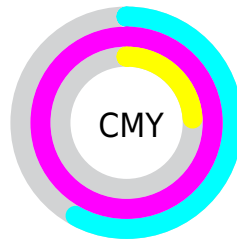
- Red (42%)
- Green (1%)
- Blue (76%)



- Red (42%)
- Yellow (1%)
- Blue (76%)



- Cyan (44%)
- Magenta (99%)
- Yellow (0%)
- Black (24%)



- Cyan (58%)
- Magenta (99%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C02C2 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 6C02C2 by changing the saturation by 10% instead.



 6C02C2

 6C02C2

FFFFFF

 4D00A6

 A84AFC

 2B008B

 C566FF

 000070

 E482FF

 000057

 FF9EFF

 00063E

 FFBAFF

 000328

 FFD7FF

 000111

 FFF4FF

 000000

 6C02C2

 6C02C2

■ 6B00C2

■ 7515C2

■ 7D29C2

■ 863CC2

■ 8F50C2

■ 9763C2

■ A076C2

■ A98AC2

■ B29DC2

■ BAB1C2

# Harmonies

## Analogous

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



004EEB



6C02C2



B8007B

# Triad

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



6C02C2



803600



00656E

# Complementary

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



6C02C2



58C202

# 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.



006317



6C02C2



3C5300

# Square

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



6C02C2



B00000



005F00



0067B9

# Rectangle

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



6C02C2



C70048



005F00



006453



# Sweetspot

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



6C02C2



DBB1FC



0258C2



6B5280



000000



808080



# Same Dimension

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



6C02C2



8B00FC



C202B8



5D5761



5900A1



120021



# Inverse Universe

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



C20258



FC0071



02C20C



61575C



A10048



21000F



# Previews

## White Background



This preview shows how the Hex color 6C02C2 looks on a white background.

## Color Contrast Check

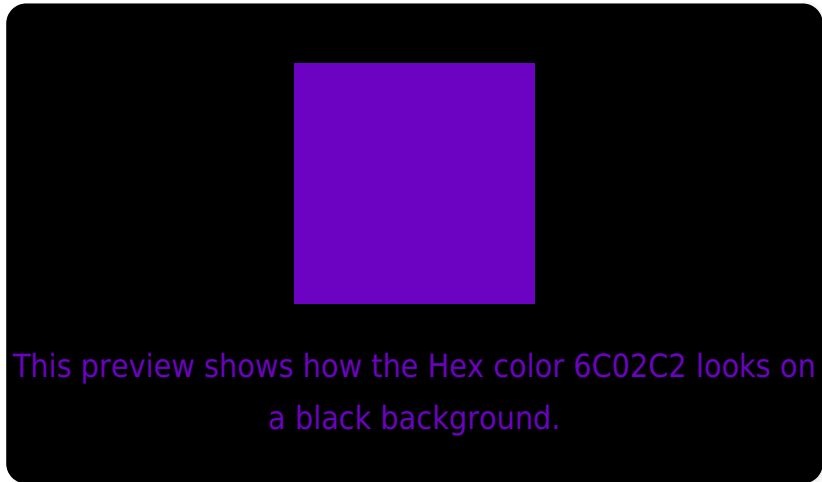
Large Text (above 18pt) WCAG AA ✓ Pass

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

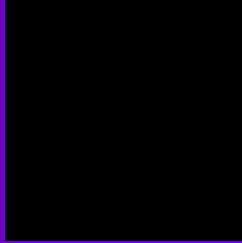
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6C02C2 Background



This preview shows how black text looks on a background with the Hex color 6C02C2.



This preview shows how white text looks on a background with the Hex color 6C02C2.

# 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](#).

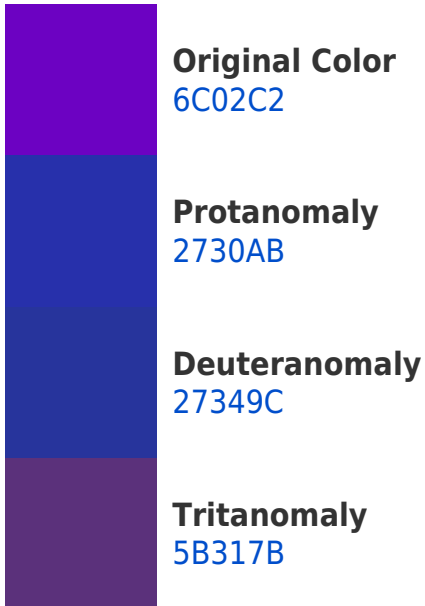
## Dichromacy



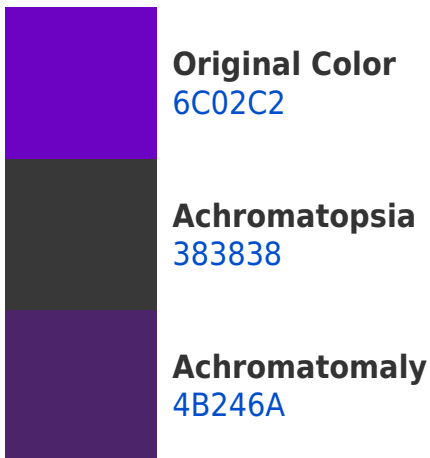


**Tritanopia**  
514C52

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C02C2 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 #6C02C2 looks like.

```
.text, #text, p{  
    color:#6C02C2  
}
```

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 #6C02C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C02C2
}
```

## Border

The CSS property to change the border of an element to Hex 6C02C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

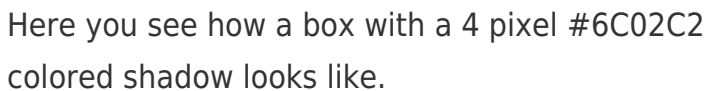
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C02C2 }
```

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

```
.border{ border-color:#6C02C2 }
```

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



Here you see how a box with a 4 pixel #6C02C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C02C2; -webkit-box-shadow:4px 4px  
4px 4px #6C02C2; box-shadow:4px 4px 4px  
4px #6C02C2 }
```

# Background

The CSS property to change the background color of an element to Hex 6C02C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C02C2 }
```

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

```
.background{ background-color:#6C02C2 }
```

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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