

# Converting Colors

Hex(6C00CE)

Have a look what the booklet for  
Hex(6C00CE) contains.

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**Color**

**Hex(6C00CE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C00CE
RGB	108, 0, 206
RGB Percent	42%, 0%, 81%
CMY	0.5765, 1.0000, 0.1922
CMYK	0.48, 1.00, 0.00, 0.19
HSL	271°, 100%, 40%
HSV	271°, 100%, 81%
XYZ	17.3249, 7.6444, 58.9549
YIQ	55.7760, -1.7580, 86.9620

# Conversions

## Conversions Part 2

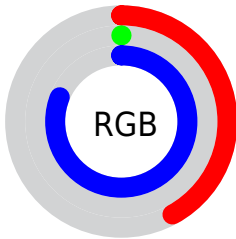
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 0, 206
Decimal	7078094
CIELab	33.23, 71.29, -78.13
CIELCh	33, 105.769, 312.381
Yxy	7.6444, 0.2064, 0.0911
Android (android.graphics.Color)	4285268174 (0xFF6C00CE)
YUV	55.7760, 74.0604, 45.8004
Hunter-Lab	27.6485, 63.4658, -107.0703

# Details

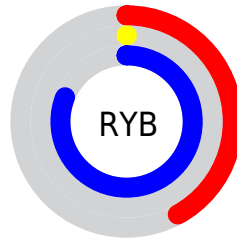
The Hex color **6C00CE** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **62CE00**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **A94BFF**, and **270096** is the 20% darker color. If you saturate the color by 10%, you get **6C00CE**, and if you desaturate by 10%, it is **7615CE**.

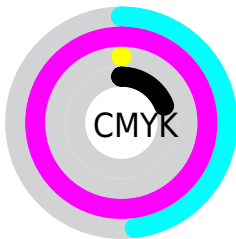
# Distribution



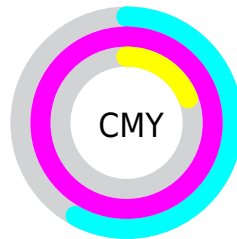
- Red (42%)
- Green (0%)
- Blue (81%)



- Red (42%)
- Yellow (0%)
- Blue (81%)



- Cyan (48%)
- Magenta (100%)
- Yellow (0%)
- Black (19%)



- Cyan (58%)
- Magenta (100%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C00CE 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 6C00CE by changing the saturation by 10% instead.



 6C00CE

 6C00CE

FFFFFF

 4C00B2


 A94BFF

 270096

 C767FF

 00007B

 E683FF

 000061

 FF9FFF

 000848

 FFBBFF

 000431

 FFD8FF

 00011B

 FFF6FF

 000000

 6C00CE

 7615CE

 8029CE

 893ECE

 9352CE

 9D67CE

 A77CCE

 B190CE

 BAA5CE

 C4B9CE

# Harmonies

## Analogous

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



0053F9



6C00CE



C00083

# Triad

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



6C00CE



873500



006971

# Complementary

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



6C00CE



62CE00

# 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.



006612



6C00CE



3F5600

# Square

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



6C00CE



B90000



006200



006BC1

# Rectangle

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



6C00CE



D1004C



006200



006853



# Sweetspot

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



6C00CE



DBB3FF



0064CE



6A5280



000000



808080



# Same Dimension

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



6C00CE



8600FF



CE00CB



615C66



5700A6



140026



# Inverse Universe

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



CE0062



FF0079



00CE03



665C61



A6004F



260012



# Previews

## White Background



This preview shows how the Hex color 6C00CE looks on a white background.

## Color Contrast Check

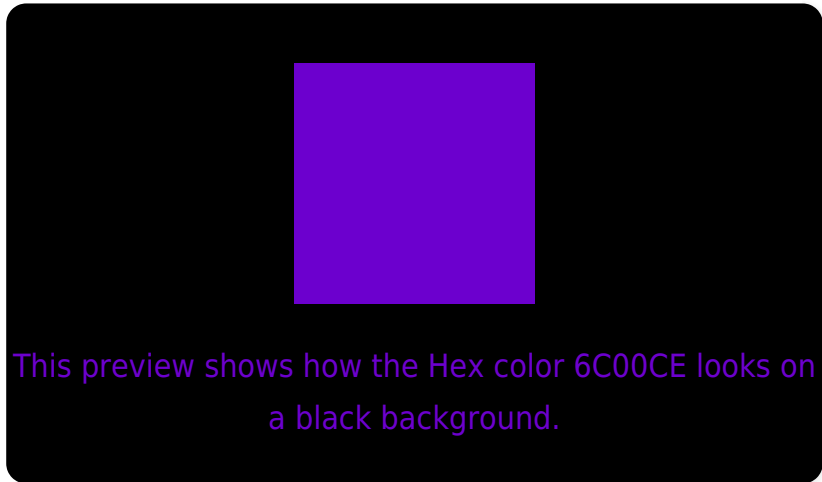
Large Text (above 18pt) WCAG AA ✓ Pass

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

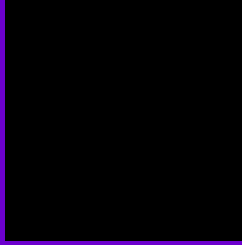
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C00CE Background



This preview shows how black text looks on a background with the Hex color 6C00CE.

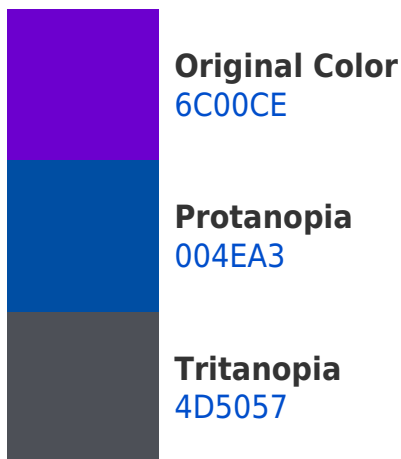


This preview shows how white text looks on a background with the Hex color 6C00CE.

# 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



# Trichromacy



**Original Color**  
6C00CE

**Protanomaly**  
2732B3

**Tritanomaly**  
583382

# Monochromacy



**Original Color**  
6C00CE

**Achromatopsia**  
383838

**Achromatomaly**  
4B246F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C00CE 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 #6C00CE looks like.

```
.text, #text, p{  
    color:#6C00CE  
}
```

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 #6C00CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C00CE
}
```

## Border

The CSS property to change the border of an element to Hex 6C00CE 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".

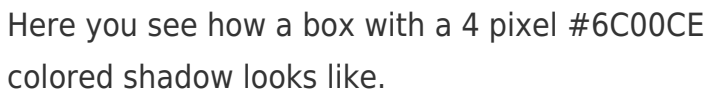
```
.border, #border, table{ border:4px solid
#6C00CE }
```

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

```
.border{ border-color:#6C00CE }
```

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

Here you see how a box with a 4 pixel #6C00CE colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The shadow is cast to the right and bottom of the box, matching the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C00CE; -webkit-box-shadow:4px 4px  
4px 4px #6C00CE; box-shadow:4px 4px 4px  
4px #6C00CE }
```

# Background

The CSS property to change the background color of an element to Hex 6C00CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C00CE }
```

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

```
.background{ background-color:#6C00CE }
```

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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