

# Converting Colors

Hex(771CD7)

Have a look what the booklet for  
Hex(771CD7) contains.

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**Color**

**Hex(771CD7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	771CD7
RGB	119, 28, 215
RGB Percent	47%, 11%, 84%
CMY	0.5333, 0.8902, 0.1569
CMYK	0.45, 0.87, 0.00, 0.16
HSL	269°, 77%, 48%
HSV	269°, 87%, 84%
XYZ	20.2887, 9.6587, 65.0850
YIQ	76.5270, -5.7910, 77.4490

# Conversions

## Conversions Part 2

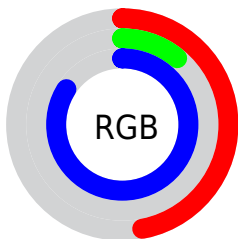
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	119, 28, 215
Decimal	7806167
CIE <sub>Lab</sub>	37.22, 69.41, -76.71
CIE <sub>LCh</sub>	37, 103.453, 312.139
Yxy	9.6587, 0.2135, 0.1016
Android (android.graphics.Color)	4285996247 (0xFF771CD7)
YUV	76.5270, 68.2672, 37.2488
Hunter-Lab	31.0785, 62.1413, -102.4108

# Details

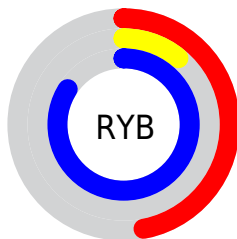
The Hex color **771CD7** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **7CD71C**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **B358FF**, and **36009F** is the 20% darker color. If you saturate the color by 10%, you get **6C06D7**, and if you desaturate by 10%, it is **8231D7**.

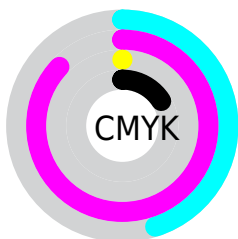
# Distribution



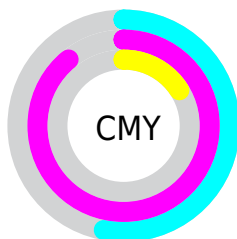
- Red (47%)
- Green (11%)
- Blue (84%)



- Red (47%)
- Yellow (11%)
- Blue (84%)



- Cyan (45%)
- Magenta (87%)
- Yellow (0%)
- Black (16%)



- Cyan (53%)
- Magenta (89%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 771CD7 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 771CD7 by changing the saturation by 10% instead.



771CD7

771CD7

FFFFFF

5800BB

B358FF

36009F

D274FF

000084

F090FF

000069

FFACFF

000050

FFC9FF

000538

FFE6FF

000222

000007

000000

■ 771CD7

■ 771CD7

■ 6C06D7

■ 8231D7

■ 6900D7

■ 8D47D7

■ 985DD7

■ A372D7

■ AE88D7

■ B99DD7

■ C4B3D7

■ CFC8D7

■ DADED7

# Harmonies

## Analogous

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



005BFF



771CD7



CA008D

# Triad

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



771CD7



933F00



007479

# Complementary

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



771CD7



7CD71C

# 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.



00711D



771CD7



4C5F00

# Square

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



771CD7



C50000



006C00



0075C9

# Rectangle

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



771CD7



DC0056



006C00



00735C



# Sweetspot

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



771CD7



DDBDFF



1C7DD7



6B5880



000000



808080



# Same Dimension

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



771CD7



7C00FF



D41CD7



66606B



5300AB



15002B



# Inverse Universe

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



D71C7C



FF0083



1FD71C



6B6066



AB0058



2B0016



# Previews

## White Background



This preview shows how the Hex color 771CD7 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

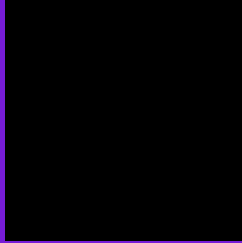
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 771CD7 Background



This preview shows how black text looks on a background with the Hex color 771CD7.

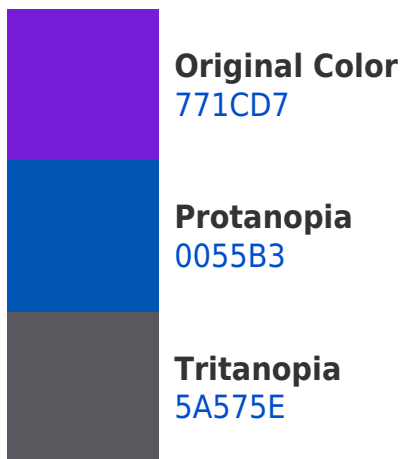


This preview shows how white text looks on a background with the Hex color 771CD7.

# 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**  
771CD7



**Protanomaly**  
2B40C0

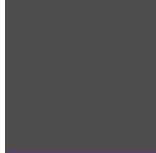


**Tritanomaly**  
65428A

# Monochromacy



**Original Color**  
771CD7



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
5C3B7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 771CD7 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 #771CD7 looks like.

```
.text, #text, p{  
    color:#771CD7  
}
```

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 #771CD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #771CD7
}
```

## Border

The CSS property to change the border of an element to Hex 771CD7 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
#771CD7 }
```

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

```
.border{ border-color:#771CD7 }
```

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

Here you see how a box with a 4 pixel #771CD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #771CD7; -webkit-box-shadow:4px 4px  
4px 4px #771CD7; box-shadow:4px 4px 4px  
4px #771CD7 }
```

# Background

The CSS property to change the background color of an element to Hex 771CD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#771CD7 }
```

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

```
.background{ background-color:#771CD7 }
```

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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