

# Converting Colors

Hex(701CFF)

Have a look what the booklet for  
Hex(701CFF) contains.

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**Color**

**Hex(701CFF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	701CFF
RGB	112, 28, 255
RGB Percent	44%, 11%, 100%
CMY	0.5608, 0.8902, 0.0000
CMYK	0.56, 0.89, 0.00, 0.00
HSL	262°, 100%, 55%
HSV	262°, 89%, 100%
XYZ	25.1473, 11.4953, 95.5011
YIQ	78.9940, -22.8030, 88.4050

# Conversions

## Conversions Part 2

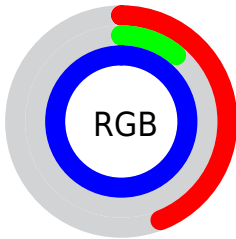
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	112, 28, 255
Decimal	7347455
CIE Lab	40.40, 77.87, -94.20
CIE LCh	40, 122.221, 309.580
Yxy	11.4953, 0.1903, 0.0870
Android (android.graphics.Color)	4285537535 (0xFF701CFF)
YUV	78.9940, 86.7710, 28.9463
Hunter-Lab	33.9046, 73.0617, -143.2722

# Details

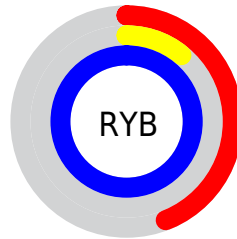
The Hex color **701CFF** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **ABFF1C**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **B15BFF**, and **1800C5** is the 20% darker color. If you saturate the color by 10%, you get **6003FF**, and if you desaturate by 10%, it is **8036FF**.

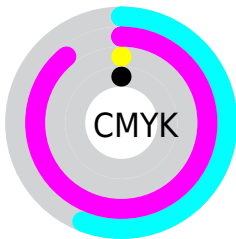
# Distribution



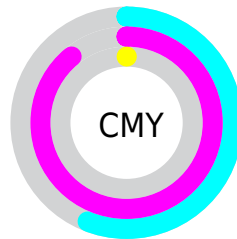
- Red (44%)
- Green (11%)
- Blue (100%)



- Red (44%)
- Yellow (11%)
- Blue (100%)



- Cyan (56%)
- Magenta (89%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (89%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 701CFF 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 701CFF by changing the saturation by 10% instead.



 701CFF

 701CFF

FFFFFF

 4C00E1

 B15BFF

 1800C5

 D177FF

 0000A8

 F193FF

 00008D

 FFAFFF

 000072

 FFC0FF

 000D58

 FFEAFF

 000740

 000329

 000113

 701CFF

 701CFF

 6003FF

 8036FF

 5E00FF

 904FFF

 A069FF

 B082FF

 C09CFF

 D0B5FF

 E0CFFF

 F1E8FF

FFFFFF

# Harmonies

## Analogous

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



0068FF



701CFF



E300A8

# Triad

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



701CFF



A93B00



007F7F

# Complementary

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



701CFF



ABFF1C

# 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.



007C03



701CFF



576600

# Square

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



701CFF



E30000



007600



0082E1

# Rectangle

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



701CFF



FB0066



007600



007E5C



# Sweetspot

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



701CFF



D4BAFF



1CACFF



665780



000000



808080



# Same Dimension

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



701CFF



5E00FF



E11CFF



777380



4700BF



180040



# Inverse Universe

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



FF1CAB



FF00A1



3AFF1C



80737B



BF0078

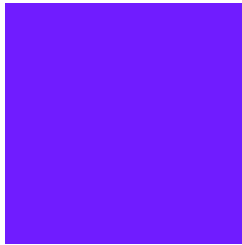


400028



# Previews

## White Background



This preview shows how the Hex color 701CFF looks on a white background.

## Color Contrast Check

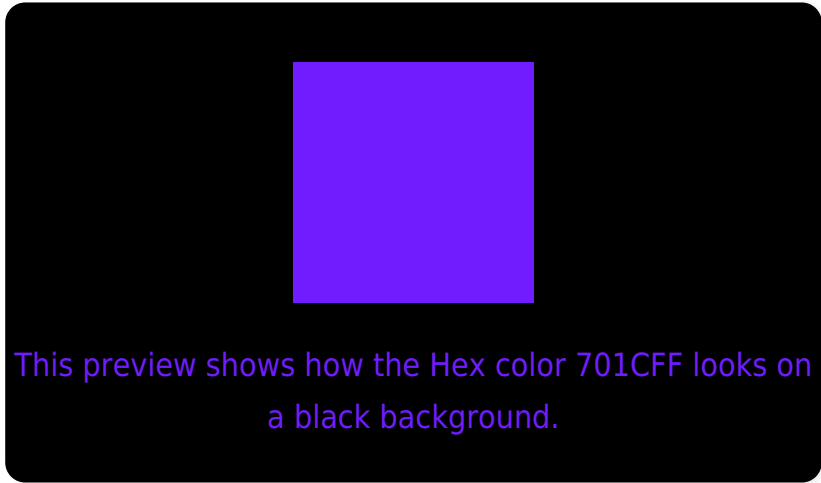
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

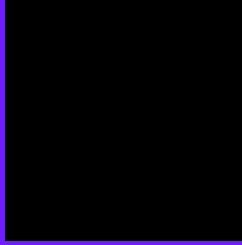
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 701CFF Background



This preview shows how black text looks on a background with the Hex color 701CFF.



This preview shows how white text looks on a background with the Hex color 701CFF.

# 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**  
701CFF

**Protanopia**  
005CC1

**Deuteranopia**  
0062A5



**Tritanopia**  
3B666E

# Trichromacy



**Original Color**  
701CFF



**Protanomaly**  
2945D8



**Deuteranomaly**  
2949C6



**Tritanomaly**  
4E4BA3

# Monochromacy



**Original Color**  
701CFF



**Achromatopsia**  
4F4F4F



**Achromatomaly**  
5B3C8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 701CFF 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 #701CFF looks like.

```
.text, #text, p{  
    color:#701CFF  
}
```

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 #701CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #701CFF
}
```

## Border

The CSS property to change the border of an element to Hex 701CFF 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".

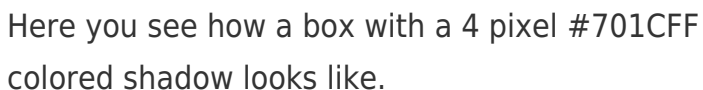
```
.border, #border, table{ border:4px solid
#701CFF }
```

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

```
.border{ border-color:#701CFF }
```

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

Here you see how a box with a 4 pixel #701CFF colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #701CFF; -webkit-box-shadow:4px 4px  
4px 4px #701CFF; box-shadow:4px 4px 4px  
4px #701CFF }
```

# Background

The CSS property to change the background color of an element to Hex 701CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#701CFF }
```

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

```
.background{ background-color:#701CFF }
```

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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