

Converting Colors

Hex(705CCF)

Have a look what the booklet for
Hex(705CCF) contains.

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Color

Hex(705CCF)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 705CCF |
| RGB | 112, 92, 207 |
| RGB Percent | 44%, 36%, 81% |
| CMY | 0.5608, 0.6392, 0.1882 |
| CMYK | 0.46, 0.56, 0.00, 0.19 |
| HSL | 250°, 55%, 59% |
| HSV | 250°, 56%, 81% |
| XYZ | 21.7717, 15.6040, 60.8959 |
| YIQ | 111.0900, -24.9950, 40.0050 |

Conversions

Conversions Part 2

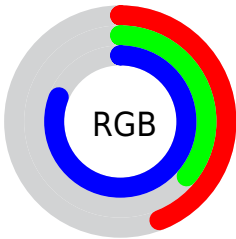
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 112, 92, 207 |
| Decimal | 7363791 |
| CIE _{Lab} | 46.45, 36.75, -57.11 |
| CIE _{LCh} | 46, 67.908, 302.759 |
| Yxy | 15.6040, 0.2215, 0.1588 |
| Android (android.graphics.Color) | 4285553871 (0xFF705CCF) |
| YUV | 111.0900, 47.2836, 0.7981 |
| Hunter-Lab | 39.5019, 29.2529, -63.7496 |

Details

The Hex color **705CCF** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **BBCF5C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A98FFF**, and **352D98** is the 20% darker color. If you saturate the color by 10%, you get **5F47CF**, and if you desaturate by 10%, it is **8171CF**.

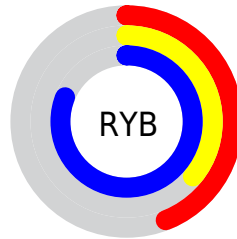
Distribution



Red (44%)

Green (36%)

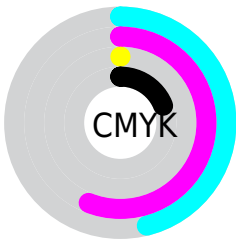
Blue (81%)



Red (44%)

Yellow (36%)

Blue (81%)

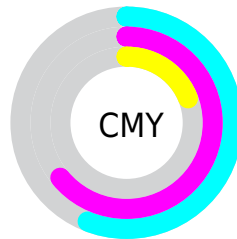


Cyan (46%)

Magenta (56%)

Yellow (0%)

Black (19%)



Cyan (56%)

Magenta (64%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 705CCF 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 705CCF by changing the saturation by 10% instead.

 705CCF

 705CCF

FFFFFF

 5344B3

 A98FFF

 352D98

 C6AAFF

 0D177D

 E3C5FF

 000363

 FFE1FF

 00004B

FFFEFF

 000433

 00021D

 000000

 705CCF

 705CCF

5F47CF

8171CF

4E33CF

9285CF

3D1ECF

A39ACF

2C09CF

B4AFCF

2400CF

C6C3CF

D7D8CF

E8EDCF

F9FFCF

FFFFCF

Harmonies

Analogous

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



0074E1



705CCF



B53BA3

Triad

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



705CCF



AD5600



008672

Complementary

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



705CCF



BBCF5C

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.



008336



705CCF



816E00

Square

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



705CCF



CA3734



467C00



0086AB

Rectangle

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



705CCF



CA277E



467C00



00865E

Sweetspot

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



705CCF



DBD4FF



5CBCCF



6A6680



000000



808080

Same Dimension

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



705CCF



7254FF



A95CCF



605E69



1D00A8



070029

Inverse Universe

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



CF5CBB



FF54E1



82CF5C



695E67



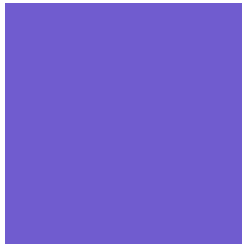
A8008B



290022

Previews

White Background



This preview shows how the Hex color 705CCF looks on a white background.

Color Contrast Check

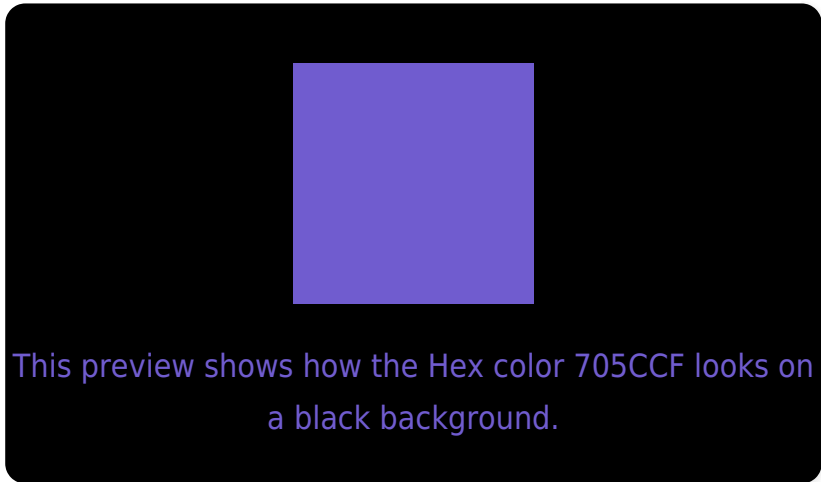
Large Text (above 18pt) WCAG AA ✓ Pass

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

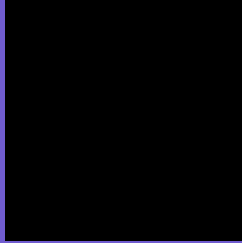
Any Text WCAG AA × Fail

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 705CCF Background



This preview shows how black text looks on a background with the Hex color 705CCF.



This preview shows how white text looks on a background with the Hex color 705CCF.

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](#).

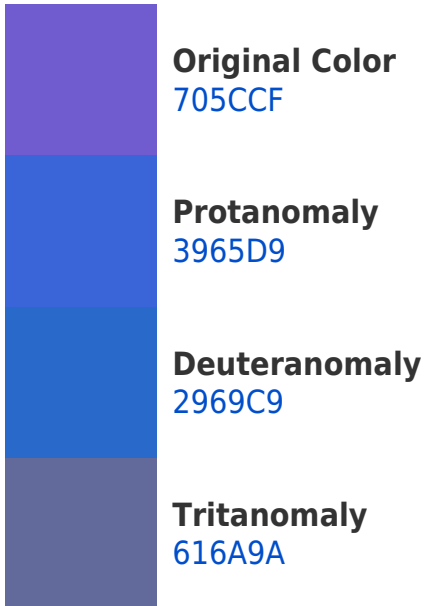
Dichromacy





Tritanopia
59727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 705CCF 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 #705CCF looks like.

```
.text, #text, p{  
    color:#705CCF  
}
```

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 #705CCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #705CCF
}
```

Border

The CSS property to change the border of an element to Hex 705CCF 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
#705CCF }
```

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

```
.border{ border-color:#705CCF }
```

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

Here you see how a box with a 4 pixel #705CCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #705CCF; -webkit-box-shadow:4px 4px  
4px 4px #705CCF; box-shadow:4px 4px 4px  
4px #705CCF }
```

Background

The CSS property to change the background color of an element to Hex 705CCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#705CCF }
```

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

```
.background{ background-color:#705CCF }
```

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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