

Converting Colors

Hex(C75CFF)

Have a look what the booklet for
Hex(C75CFF) contains.

Hex(C75CFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C75CFF)

Conversions

Conversions Part 1

Format	Color
Hex	C75CFF
RGB	199, 92, 255
RGB Percent	78%, 36%, 100%
CMY	0.2196, 0.6392, 0.0000
CMYK	0.22, 0.64, 0.00, 0.00
HSL	279°, 100%, 68%
HSV	279°, 64%, 100%
XYZ	45.4303, 27.0164, 97.4280
YIQ	142.5750, 11.4490, 73.3770

Conversions

Conversions Part 2

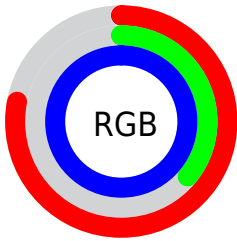
Format	Color
R_{YB}	199, 92, 255
Decimal	13065471
CIE _{Lab}	58.99, 67.71, -63.43
CIE _{LCh}	59, 92.778, 316.866
Yxy	27.0164, 0.2674, 0.1590
Android (android.graphics.Color)	4291255551 (0xFFC75CFF)
YUV	142.5750, 55.4255, 49.4847
Hunter-Lab	51.9773, 65.0561, -74.7510

Details

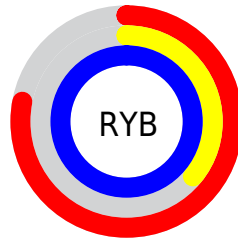
The Hex color **C75CFF** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **94FF5C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF94FF**, and **8D1FC5** is the 20% darker color. If you saturate the color by 10%, you get **BE43FF**, and if you desaturate by 10%, it is **D076FF**.

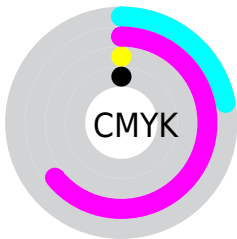
Distribution



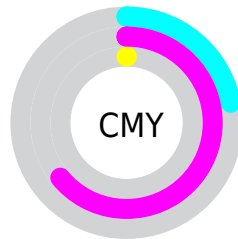
- Red (78%)
- Green (36%)
- Blue (100%)



- Red (78%)
- Yellow (36%)
- Blue (100%)



- Cyan (22%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (64%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color C75CFF 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 C75CFF by changing the saturation by 10% instead.

 C75CFF

 C75CFF

FFFFFF

 AA3FE2

 FF94FF

 8D1FC5

 FFB0FF


 7000A9

 FFCDFE

 53008E

 FFEAFF

 350074

 17005A

 000042

 00032B

 000115

 C75CFF

 C75CFF

 BE43FF

 D076FF

 B529FF

 D98FFF

 AD10FF

 E1A9FF

 A700FF

 EAC2FF

 F3DCFF

 FCF5FF

FFFFFF

Harmonies

Analogous

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



0089FF



C75CFF



FF0FB5

Triad

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



C75CFF



C97D00



00B0BB

Complementary

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



C75CFF



94FF5C

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.



00AE66



C75CFF



819800

Square

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



C75CFF



FE510A



00A700



00AEFF

Rectangle

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



C75CFF



FF007F



00A700



00B09F

Sweetspot

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



C75CFF



EECFFF



5C95FF



756280



000000



808080

Same Dimension

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



C75CFF



BC3BFF



FF5CE7



7B7380



7E00BF



2A0040

Inverse Universe

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



FF5C94



FF3B7E



5CFF74



807377



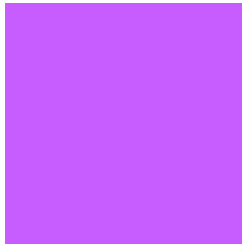
BF0042



400016

Previews

White Background



This preview shows how the Hex color C75CFF looks on a white background.

Color Contrast Check

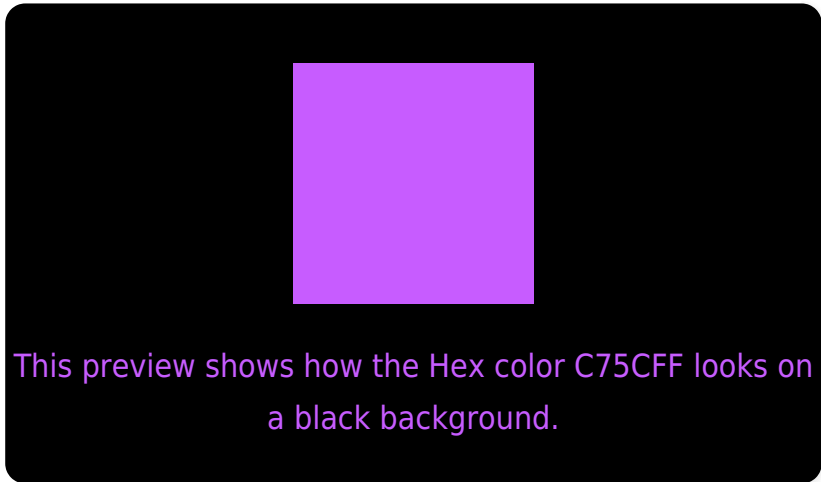
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

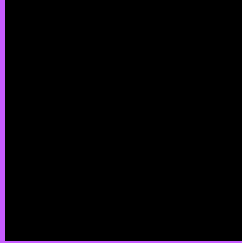
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex C75CFF Background



This preview shows how black text looks on a background with the Hex color C75CFF.

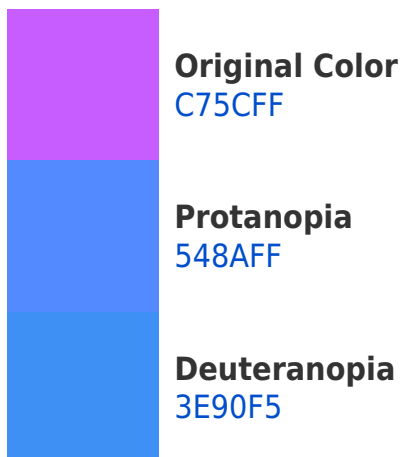


This preview shows how white text looks on a background with the Hex color C75CFF.

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](#).

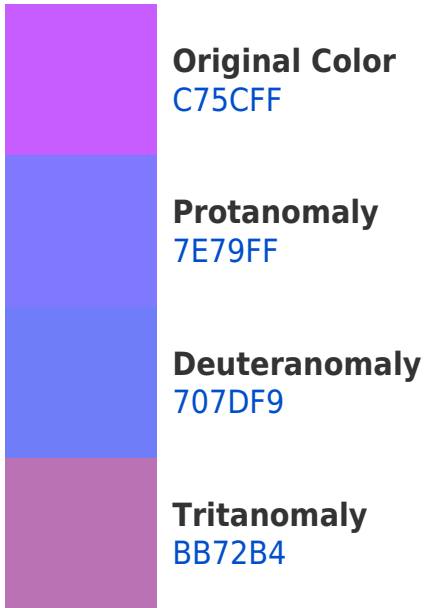
Dichromacy



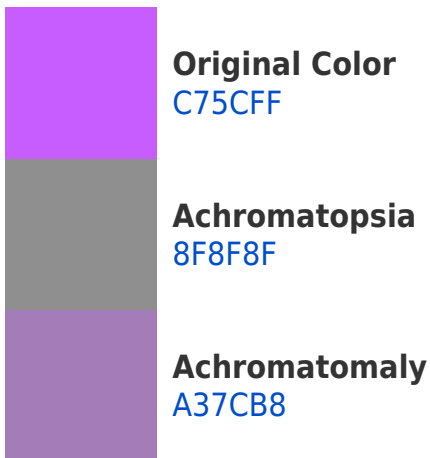


Tritanopia
B47F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C75CFF 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 #C75CFF looks like.

```
.text, #text, p{  
    color:#C75CFF  
}
```

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 #C75CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C75CFF
}
```

Border

The CSS property to change the border of an element to Hex C75CFF 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
#C75CFF }
```

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

```
.border{ border-color:#C75CFF }
```

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

Here you see how a box with a 4 pixel #C75CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C75CFF; -webkit-box-shadow:4px 4px  
4px 4px #C75CFF; box-shadow:4px 4px 4px  
4px #C75CFF }
```

Background

The CSS property to change the background color of an element to Hex C75CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C75CFF }
```

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

```
.background{ background-color:#C75CFF }
```

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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