

Converting Colors

Hex(CC70FF)

Have a look what the booklet for
Hex(CC70FF) contains.

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Color

Hex(CC70FF)

Conversions

Conversions Part 1

Format	Color
Hex	CC70FF
RGB	204, 112, 255
RGB Percent	80%, 44%, 100%
CMY	0.2000, 0.5608, 0.0000
CMYK	0.20, 0.56, 0.00, 0.00
HSL	279°, 100%, 72%
HSV	279°, 56%, 100%
XYZ	48.7460, 31.6457, 98.1468
YIQ	155.8100, 8.9290, 63.9770

Conversions

Conversions Part 2

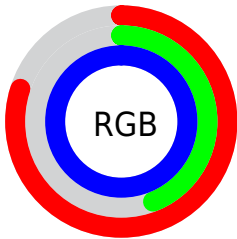
Format	Color
RYB	204, 112, 255
Decimal	13398271
CIELab	63.05, 59.50, -56.91
CIELCh	63, 82.329, 316.274
Yxy	31.6457, 0.2730, 0.1772
Android (android.graphics.Color)	4291588351 (0xFFCC70FF)
YUV	155.8100, 48.9007, 42.2626
Hunter-Lab	56.2545, 56.2295, -64.0646

Details

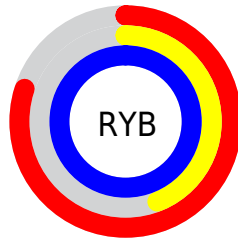
The Hex color **CC70FF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **A3FF70**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFA7FF**, and **923AC5** is the 20% darker color. If you saturate the color by 10%, you get **C357FF**, and if you desaturate by 10%, it is **D58AFF**.

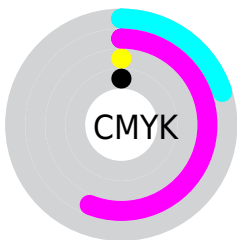
Distribution



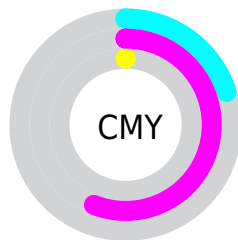
- Red (80%)
- Green (44%)
- Blue (100%)



- Red (80%)
- Yellow (44%)
- Blue (100%)



- Cyan (20%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC70FF 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 CC70FF by changing the saturation by 10% instead.

 CC70FF

 CC70FF

FFFFFF

 AF55E2

 FFA7FF

 923AC5

 FFC3FF

 761CAA

 FFE0FF

 5A008F

 FFFDFF

 3E0074

 22005B

 000042

 00032B

 000115

 CC70FF

 CC70FF

 C357FF

 D58AFF

 BA3DFF

 DEA3FF

 B123FF

 E7BDFF

 A80AFF

 F0D6FF

 A400FF

 F9F0FF

FFFFFF

Harmonies

Analogous

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



2994FF



CC70FF



FF49BD

Triad

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



CC70FF



D38900



00B9C0

Complementary

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



CC70FF



A3FF70

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.



00B773



CC70FF



93A100

Square

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



CC70FF



FF662E



2EB023



00B6FF

Rectangle

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



CC70FF



FF3F8C



2EB023



00B9A7

Sweetspot

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



CC70FF



F0D4FF



70A4FF



766680



000000



808080

Same Dimension

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



CC70FF



C254FF



FF70EC



7B7380



7B00BF



290040

Inverse Universe

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



FF70A3



FF5491



70FF83



807377



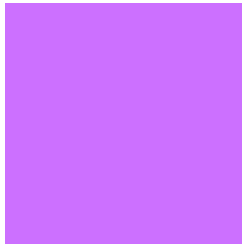
BF0044



400017

Previews

White Background



This preview shows how the Hex color CC70FF looks on a white background.

Color Contrast Check

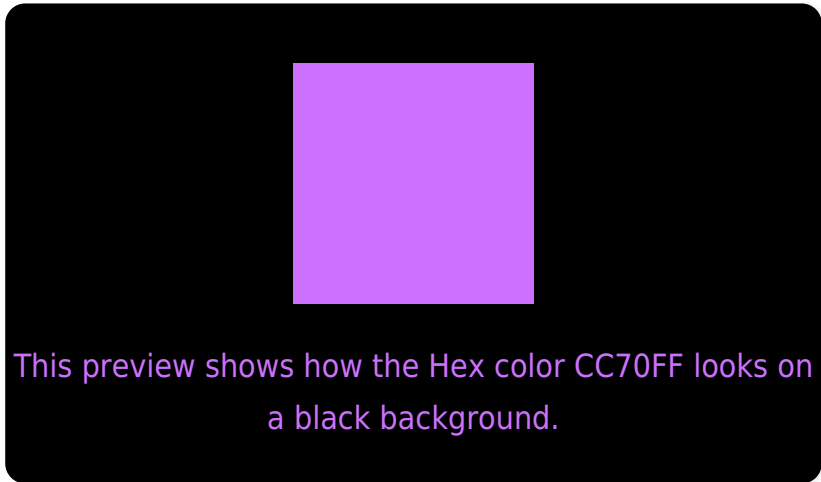
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

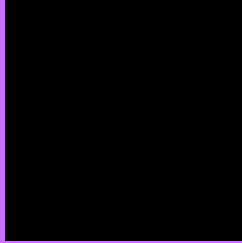
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex CC70FF Background



This preview shows how black text looks on a background with the Hex color CC70FF.



This preview shows how white text looks on a background with the Hex color CC70FF.

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](#).

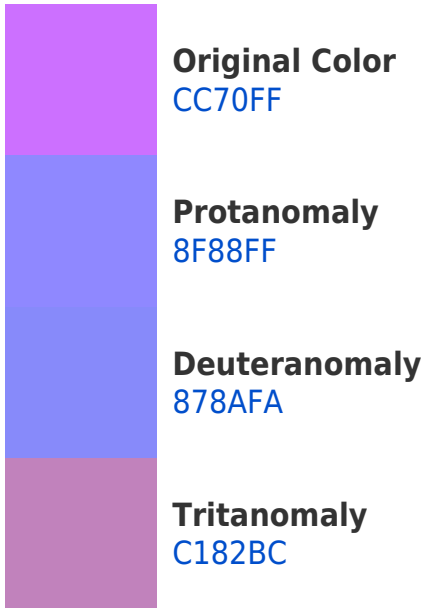
Dichromacy



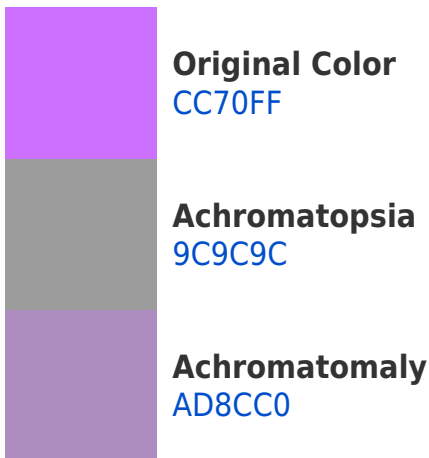


Tritanopia
BB8C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC70FF 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 #CC70FF looks like.

```
.text, #text, p{  
    color:#CC70FF  
}
```

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 #CC70FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC70FF }  
}
```

Border

The CSS property to change the border of an element to Hex CC70FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

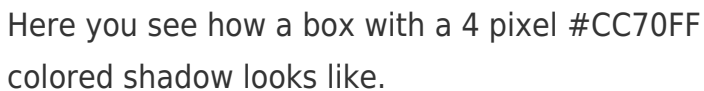
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #CC70FF }  
}
```

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

```
.border{ border-color:#CC70FF }
```

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



Here you see how a box with a 4 pixel `#CC70FF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC70FF; -webkit-box-shadow:4px 4px  
4px 4px #CC70FF; box-shadow:4px 4px 4px  
4px #CC70FF }
```

Background

The CSS property to change the background color of an element to Hex CC70FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC70FF }
```

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

```
.background{ background-color:#CC70FF }
```

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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