

# Converting Colors

Hex(CC0FC4)

Have a look what the booklet for  
Hex(CC0FC4) contains.

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# Color

Hex(**CC0FC4**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC0FC4
RGB	204, 15, 196
RGB Percent	80%, 6%, 77%
CMY	0.2000, 0.9412, 0.2314
CMYK	0.00, 0.93, 0.04, 0.20
HSL	303°, 86%, 43%
HSV	303°, 93%, 80%
XYZ	35.0365, 17.1645, 53.6910
YIQ	92.1450, 54.5430, 96.3590

# Conversions

## Conversions Part 2

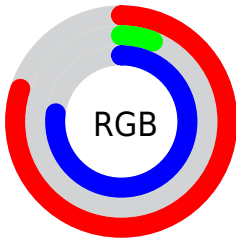
Format	Color
<a href="#">RYB</a>	<a href="#">204, 15, 196</a>
Decimal	<a href="#">13373380</a>
CIELab	<a href="#">48.47, 80.63, -46.86</a>
CIElCh	<a href="#">48, 93.260, 329.838</a>
Yxy	<a href="#">17.1645, 0.3309, 0.1621</a>
Android (android.graphics.Color)	<a href="#">4291563460 (0xFFCC0FC4)</a>
YUV	<a href="#">92.1450, 51.2005, 98.0968</a>
Hunter-Lab	<a href="#">41.4301, 78.4506, -47.8353</a>

# Details

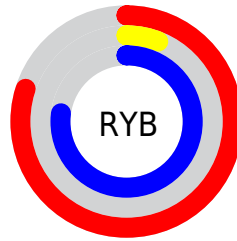
The Hex color **CC0FC4** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **0FCC17**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF60FD**, and **91008D** is the 20% darker color. If you saturate the color by 10%, you get **CC00C3**, and if you desaturate by 10%, it is **CC23C5**.

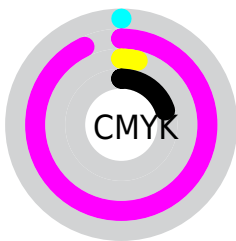
# Distribution



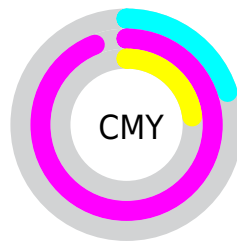
- Red (80%)
- Green (6%)
- Blue (77%)



- Red (80%)
- Yellow (6%)
- Blue (77%)



- Cyan (0%)
- Magenta (93%)
- Yellow (4%)
- Black (20%)



- Cyan (20%)
- Magenta (94%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC0FC4 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 CC0FC4 by changing the saturation by 10% instead.



 CC0FC4

 CC0FC4

FFFFFF

 AE00A8

 FF60FD

 91008D

 FF7EFF

 740073

 FF9CFF

 58005A

 FFBAFF

 3D0042

 FFD8FF

 1F002B

 FFF6FF

 000114

 000000

 CC0FC4

 CC0FC4

 CC00C3

 CC23C5

 CC38C6

 CC4CC7

 CC61C7

 CC75C8

 CC89C9

 CC9ECA

 CCB2CB

 CCC7CC

# Harmonies

## Analogous

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



575EFF



CC0FC4



F40077

# Triad

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



CC0FC4



8D7000



0092C1

# Complementary

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



CC0FC4



0FCC17

# 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.



009171



CC0FC4



398400

# Square

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



CC0FC4



C84B00



008D13



008EFD

# Rectangle

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



CC0FC4



F40044



008D13



0092A7



# Sweetspot

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



CC0FC4



FFB8FC



150FCC



80547E



000000



808080



# Same Dimension

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



CC0FC4



FF00F4



CC0F67



665C66



A6009F



260025



# Inverse Universe

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



CC0FC4



FF00F4



0FCC74



665C66



A6009F



260025



# Previews

## White Background



This preview shows how the Hex color CC0FC4 looks on a white background.

## Color Contrast Check

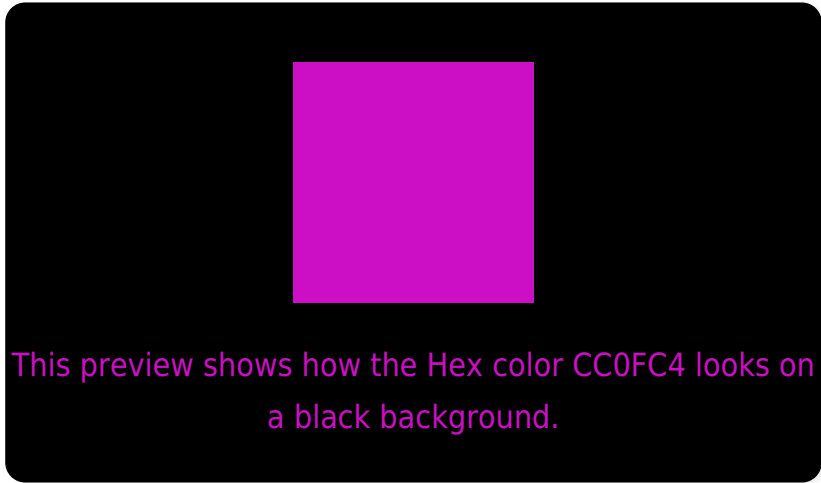
Large Text (above 18pt) WCAG AA ✓ Pass

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

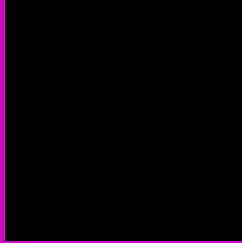
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex CC0FC4 Background



This preview shows how black text looks on a background with the Hex color CC0FC4.

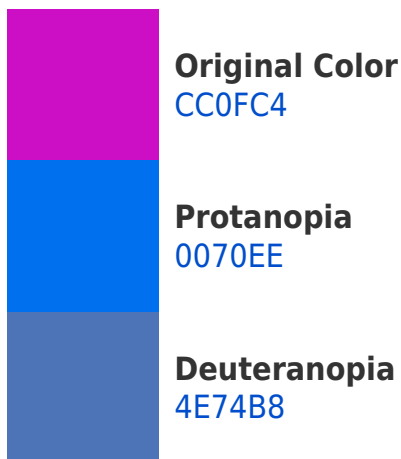


This preview shows how white text looks on a background with the Hex color CC0FC4.

# 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**  
CC0FC4



**Protanomaly**  
4A4DDF



**Deuteranomaly**  
7C4FBC



**Tritanomaly**  
C4377C

# Monochromacy



**Original Color**  
CC0FC4



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
854082

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC0FC4 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 #CC0FC4 looks like.

```
.text, #text, p{  
    color:#CC0FC4  
}
```

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 #CC0FC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC0FC4
}
```

## Border

The CSS property to change the border of an element to Hex CC0FC4 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
#CC0FC4 }
```

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

```
.border{ border-color:#CC0FC4 }
```

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

Here you see how a box with a 4 pixel #CC0FC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC0FC4; -webkit-box-shadow:4px 4px  
4px 4px #CC0FC4; box-shadow:4px 4px 4px  
4px #CC0FC4 }
```

# Background

The CSS property to change the background color of an element to Hex CC0FC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC0FC4 }
```

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

```
.background{ background-color:#CC0FC4 }
```

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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