

# Converting Colors

Hex(C051F3)

Have a look what the booklet for  
Hex(C051F3) contains.

<b>Hex(C051F3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C051F3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C051F3
RGB	192, 81, 243
RGB Percent	75%, 32%, 95%
CMY	0.2471, 0.6824, 0.0471
CMYK	0.21, 0.67, 0.00, 0.05
HSL	281°, 87%, 64%
HSV	281°, 67%, 95%
XYZ	40.8583, 23.5624, 87.1885
YIQ	132.6570, 14.1540, 73.9140

# Conversions

## Conversions Part 2

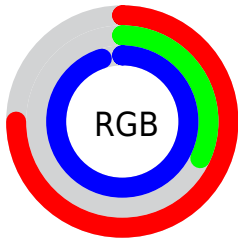
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	192, 81, 243
Decimal	12603891
CIE Lab	55.65, 68.53, -62.19
CIE LCh	56, 92.545, 317.776
Yxy	23.5624, 0.2695, 0.1554
Android (android.graphics.Color)	4290793971 (0xFFC051F3)
YUV	132.6570, 54.3991, 52.0438
Hunter-Lab	48.5411, 65.3012, -72.5167

# Details

The Hex color **C051F3** 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 **84F351**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FC89FF**, and **860BBA** is the 20% darker color. If you saturate the color by 10%, you get **B839F3**, and if you desaturate by 10%, it is **C869F3**.

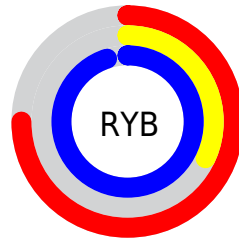
# Distribution



Red (75%)

Green (32%)

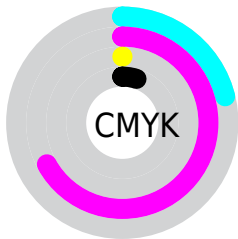
Blue (95%)



Red (75%)

Yellow (32%)

Blue (95%)

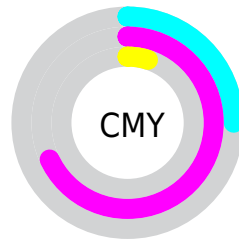


Cyan (21%)

Magenta (67%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (68%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C051F3 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 C051F3 by changing the saturation by 10% instead.



 C051F3

 C051F3

FFFFFF

 A333D6

 FC89FF

 860BBA

 FFA6FF

 69009E

 FFC2FF

 4C0083

 FFDFFF

 2F0069

 FFFDFF

 0B0050

 000038

 000222

 000007

 C051F3

 C051F3

 B839F3

 C869F3

 B120F3

 CF82F3

 A908F3

 D79AF3

 A600F3

 DFB2F3

 E6CBF3

 EEE3F3

 F6FBF3

 FDFFF3

 FFFFF3

# Harmonies

## Analogous

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



007FFF



C051F3



FF00AA

# Triad

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



C051F3



BD7600



00A6B5

# Complementary

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



C051F3



84F351

# 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.



00A460



C051F3



759000

# Square

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



C051F3



F24900



009E00



00A4FC

# Rectangle

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



C051F3



FF0074



009E00



00A699



# Sweetspot

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



C051F3



EFCCFF



5184F3



766180



000000



808080



# Same Dimension

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



C051F3



BF33FF



F351D5



776E7A



8000BA



28003B



# Inverse Universe

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



F35184



FF3373



51F36F



7A6E72



BA003B

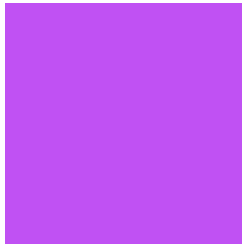


3B0012



# Previews

## White Background



This preview shows how the Hex color C051F3 looks on a white background.

## Color Contrast Check

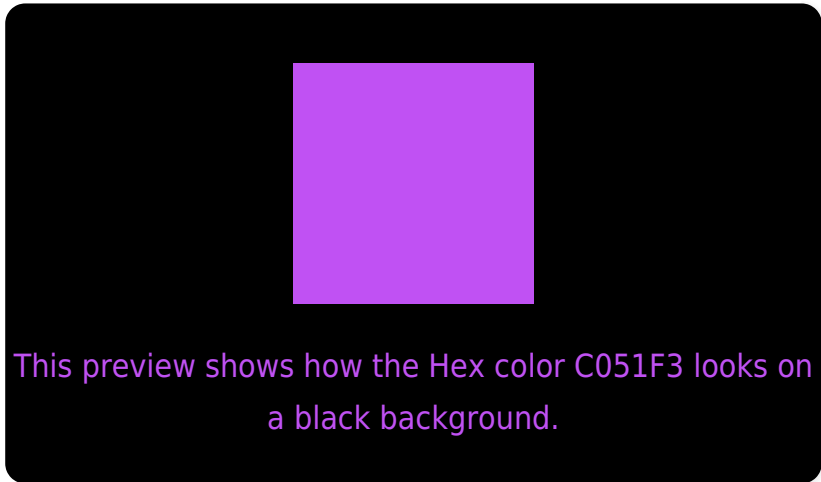
Large Text (above 18pt) WCAG AA ✓ Pass

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

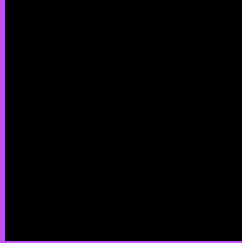
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C051F3 Background



This preview shows how black text looks on a background with the Hex color C051F3.

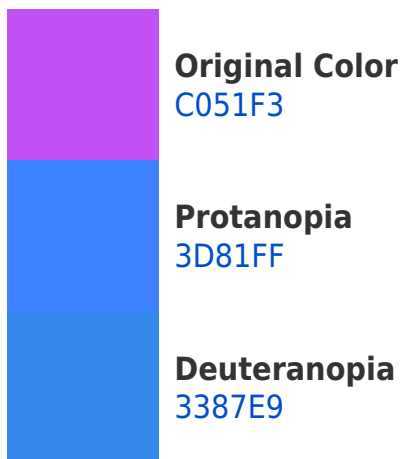



This preview shows how white text looks on a background with the Hex color C051F3.

# 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](#).

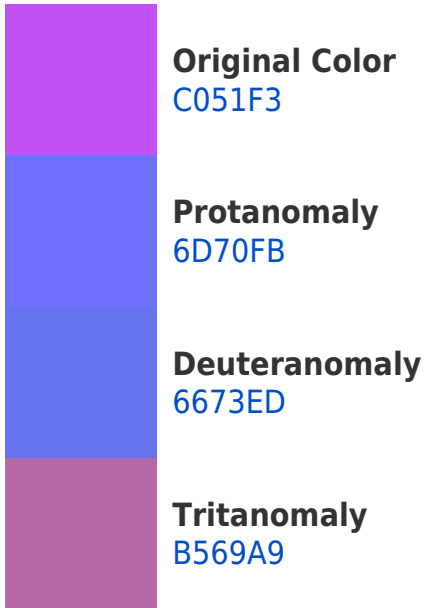
## Dichromacy



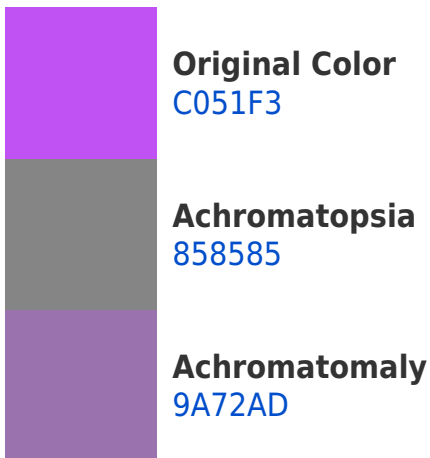


**Tritanopia**  
AE767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C051F3 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 #C051F3 looks like.

```
.text, #text, p{  
    color:#C051F3  
}
```

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 #C051F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C051F3
}
```

## Border

The CSS property to change the border of an element to Hex C051F3 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
#C051F3 }
```

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

```
.border{ border-color:#C051F3 }
```

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

Here you see how a box with a 4 pixel #C051F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C051F3; -webkit-box-shadow:4px 4px  
4px 4px #C051F3; box-shadow:4px 4px 4px  
4px #C051F3 }
```

# Background

The CSS property to change the background color of an element to Hex C051F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C051F3 }
```

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

```
.background{ background-color:#C051F3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor