

# Converting Colors

Hex(C066FA)

Have a look what the booklet for  
Hex(C066FA) contains.

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**Color**

**Hex(C066FA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C066FA
RGB	192, 102, 250
RGB Percent	75%, 40%, 98%
CMY	0.2471, 0.6000, 0.0196
CMYK	0.23, 0.59, 0.00, 0.02
HSL	276°, 94%, 69%
HSV	276°, 59%, 98%
XYZ	43.7449, 27.6113, 93.4664
YIQ	145.7820, 6.1320, 65.1080

# Conversions

## Conversions Part 2

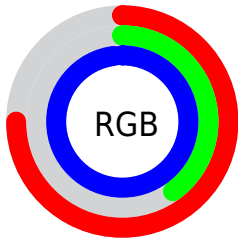
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	192, 102, 250
Decimal	12609274
CIE Lab	59.54, 60.45, -59.84
CIE LCh	60, 85.064, 315.292
Yxy	27.6113, 0.2654, 0.1675
Android (android.graphics.Color)	4290799354 (0xFFC066FA)
YUV	145.7820, 51.3795, 40.5332
Hunter-Lab	52.5465, 56.6448, -68.6788

# Details

The Hex color **C066FA** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **A0FA66**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FB9DFF**, and **862FC1** is the 20% darker color. If you saturate the color by 10%, you get **B64DFA**, and if you desaturate by 10%, it is **CA7FFA**.

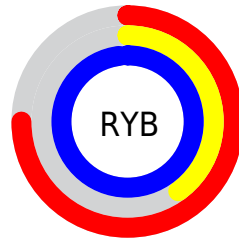
# Distribution



Red (75%)

Green (40%)

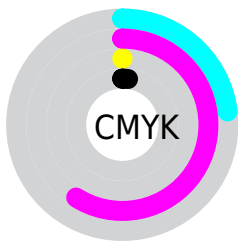
Blue (98%)



Red (75%)

Yellow (40%)

Blue (98%)

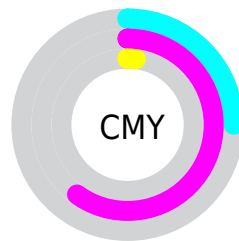


Cyan (23%)

Magenta (59%)

Yellow (0%)

Black (2%)



Cyan (25%)

Magenta (60%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C066FA 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 C066FA by changing the saturation by 10% instead.



 C066FA

 C066FA

FFFFFF

 A34BDD

 FB9DFF

 862FC1

 FFB9FF

 6A0CA5

 FFD5FF

 4E008A

 FFF3FF

 300070

 140057

 00003E

 000327

 000111

 C066FA

 C066FA

 B64DFA

 CA7FFA

 AC34FA

 D498FA

 A31BFA

 DDB1FA

 9902FA

 E7CAFA

 9800FA

 F1E3FA

 FBFCFA

 FFFFA

# Harmonies

## Analogous

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



008CFF



C066FA



FF37B7

# Triad

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



C066FA



CB7E00



00B0B5

# Complementary

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



C066FA



A0FA66

# 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.



00AD66



C066FA



8A9800

# Square

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



C066FA



FB5823



1BA606



00ADF9

# Rectangle

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



C066FA



FF2686



1BA606



00AF9B



# Sweetspot

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



C066FA



EDD1FF



66A1FA



756380



000000



808080



# Same Dimension

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



C066FA



B84AFF



FA66EB



78707D



7300BD



25003D



# Inverse Universe

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



FA66A0



FF4A91



66FA75



7D7075



BD004A

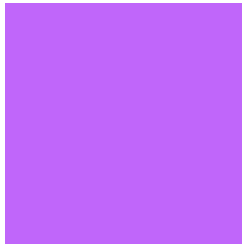


3D0018



# Previews

## White Background



This preview shows how the Hex color C066FA looks on a white background.

## Color Contrast Check

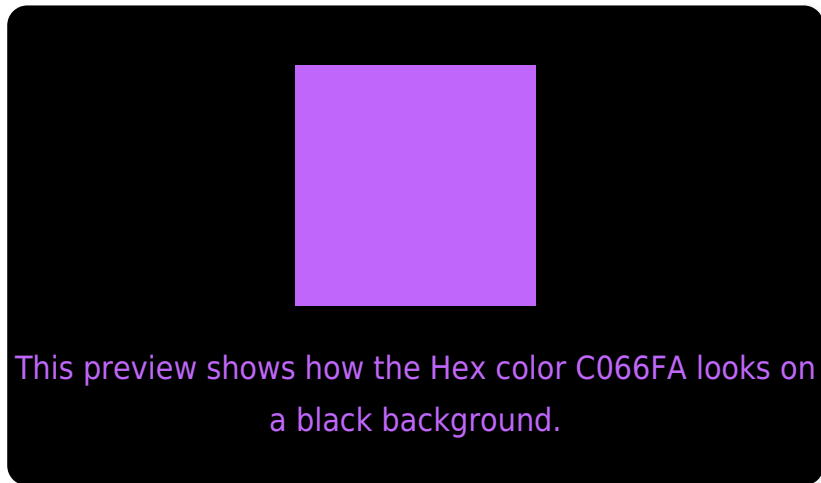
Large Text (above 18pt) WCAG AA ✓ Pass

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

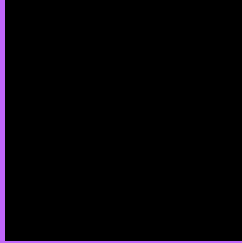
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C066FA Background



This preview shows how black text looks on a background with the Hex color C066FA.

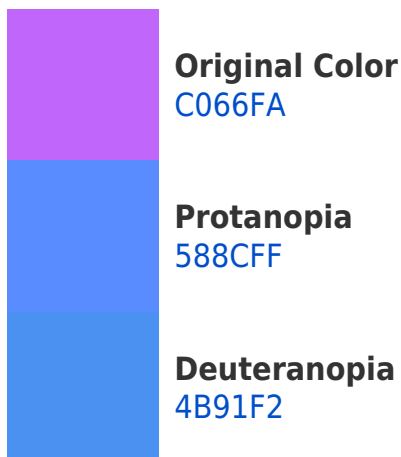


This preview shows how white text looks on a background with the Hex color C066FA.

# 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**  
AE848E

# Trichromacy



**Original Color**  
C066FA



**Protanomaly**  
7E7EFD



**Deuteranomaly**  
7681F5



**Tritanomaly**  
B579B5

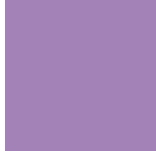
# Monochromacy



**Original Color**  
C066FA



**Achromatopsia**  
929292



**Achromatomaly**  
A382B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C066FA 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 #C066FA looks like.

```
.text, #text, p{  
    color:#C066FA  
}
```

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 #C066FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C066FA
}
```

## Border

The CSS property to change the border of an element to Hex C066FA 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
#C066FA }
```

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

```
.border{ border-color:#C066FA }
```

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

Here you see how a box with a 4 pixel #C066FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C066FA; -webkit-box-shadow:4px 4px  
4px 4px #C066FA; box-shadow:4px 4px 4px  
4px #C066FA }
```

# Background

The CSS property to change the background color of an element to Hex C066FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C066FA }
```

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

```
.background{ background-color:#C066FA }
```

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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