

# Converting Colors

Hex(F06CEB)

Have a look what the booklet for  
Hex(F06CEB) contains.

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# **Color**

**Hex(F06CEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F06CEB
RGB	240, 108, 235
RGB Percent	94%, 42%, 92%
CMY	0.0588, 0.5765, 0.0784
CMYK	0.00, 0.55, 0.02, 0.06
HSL	302°, 81%, 68%
HSV	302°, 55%, 94%
XYZ	56.2931, 35.2485, 82.4339
YIQ	161.9460, 37.9050, 67.4810

# Conversions

## Conversions Part 2

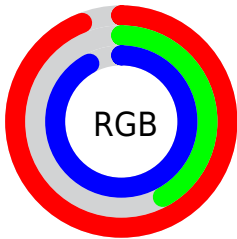
Format	Color
R <sub>Y</sub> B	240, 108, 235
Decimal	15756523
CIE Lab	65.94, 66.70, -41.00
CIE LCh	66, 78.295, 328.419
Yxy	35.2485, 0.3236, 0.2026
Android (android.graphics.Color)	4293946603 (0xFFFF06CEB)
YUV	161.9460, 36.0156, 68.4534
Hunter-Lab	59.3705, 65.3495, -40.7628

# Details

The Hex color **F06CEB** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **6CF071**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFA5FF**, and **B530B3** is the 20% darker color. If you saturate the color by 10%, you get **F054EA**, and if you desaturate by 10%, it is **F084EC**.

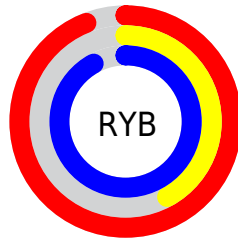
# Distribution



Red (94%)

Green (42%)

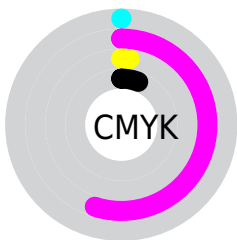
Blue (92%)



Red (94%)

Yellow (42%)

Blue (92%)

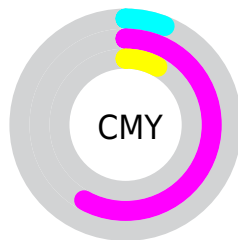


Cyan (0%)

Magenta (55%)

Yellow (2%)

Black (6%)



Cyan (6%)

Magenta (58%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F06CEB 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 F06CEB by changing the saturation by 10% instead.



 F06CEB

 F06CEB

FFFFFF

 D24FCF

 FFA5FF

 B530B3

 FFC2FF

 980198

 FFDFFF

 7C007D

 FFFDFF

 600064

 45004B

 2C0034

 00001E

 000000

 F06CEB

 F06CEB

 F054EA

 F084EC

 F03CE9

 F09CED

 F024E8

 F0B4EE

 F00CE7

 F0CCEF

 F000E7

 F0E4F0

 F0FCF0

 F0FFF1

 F0FFF2

 F0FFF3

# Harmonies

## Analogous

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



948FFF



F06CEB



FF53A7

# Triad

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



F06CEB



C39C00



00BFE1

# Complementary

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



F06CEB



6CF071

# 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.



00BF9A



F06CEB



7EAF00

# Square

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



F06CEB



F87F1F



00BA51



00B9FF

# Rectangle

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



F06CEB



FF5778



00BA51



00C0CB



# Sweetspot

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



F06CEB



FFD4FD



706CF0



80667F



000000



808080



# Same Dimension

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



F06CEB



FF57F9



F06CAA



786C77



B800B1



380036



# Inverse Universe

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



F06CEB



FF57F9



6CF0B2



786C77



B800B1



380036



# Previews

## White Background



This preview shows how the Hex color F06CEB looks on a white background.

## Color Contrast Check

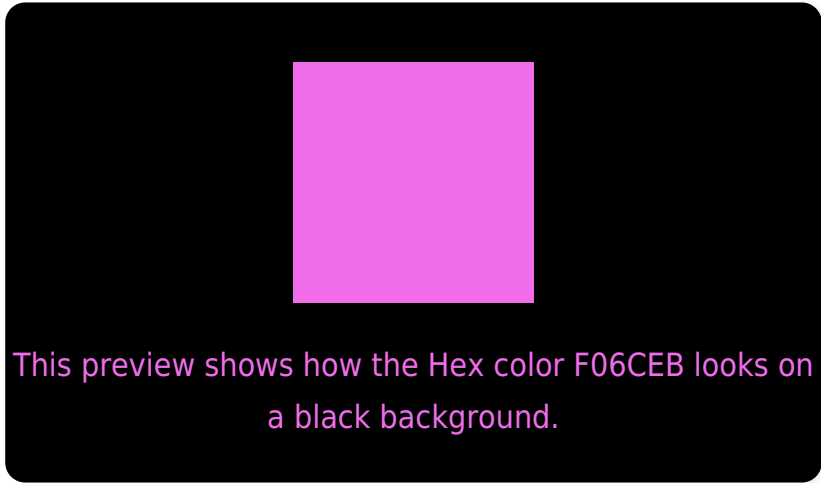
Large Text (above 18pt) WCAG AA × Fail

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

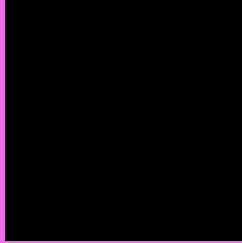
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F06CEB Background



This preview shows how black text looks on a background with the Hex color F06CEB.

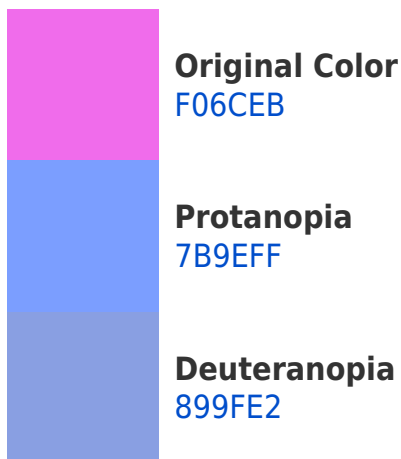


This preview shows how white text looks on a background with the Hex color F06CEB.

# 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](#).

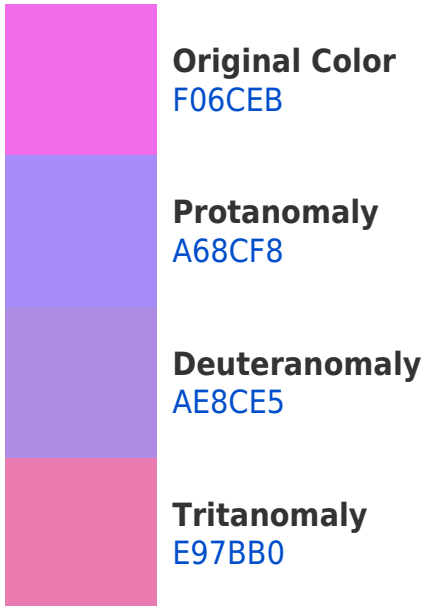
## Dichromacy





**Tritanopia**  
E5848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F06CEB 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 #F06CEB looks like.

```
.text, #text, p{  
    color:#F06CEB  
}
```

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 #F06CEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F06CEB
}
```

## Border

The CSS property to change the border of an element to Hex F06CEB 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
#F06CEB }
```

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

```
.border{ border-color:#F06CEB }
```

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

Here you see how a box with a 4 pixel #F06CEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F06CEB; -webkit-box-shadow:4px 4px  
4px 4px #F06CEB; box-shadow:4px 4px 4px  
4px #F06CEB }
```

# Background

The CSS property to change the background color of an element to Hex F06CEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F06CEB }
```

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

```
.background{ background-color:#F06CEB }
```

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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