

# Converting Colors

Hex(F07EFF)

Have a look what the booklet for  
Hex(F07EFF) contains.

<b>Hex(F07EFF)</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(F07EFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F07EFF
RGB	240, 126, 255
RGB Percent	94%, 49%, 100%
CMY	0.0588, 0.5059, 0.0000
CMYK	0.06, 0.51, 0.00, 0.00
HSL	293°, 100%, 75%
HSV	293°, 51%, 100%
XYZ	61.4460, 40.6670, 99.2187
YIQ	174.7920, 26.5350, 64.2870

# Conversions

## Conversions Part 2

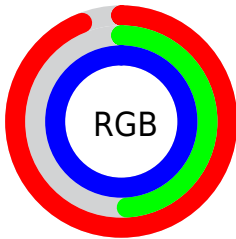
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 126, 255
Decimal	15761151
CIE Lab	69.94, 61.90, -45.72
CIE LCh	70, 76.953, 323.547
Yxy	40.6670, 0.3052, 0.2020
Android (android.graphics.Color)	4293951231 (0xFFFF07EFF)
YUV	174.7920, 39.5425, 57.1874
Hunter-Lab	63.7707, 60.3945, -47.6079

# Details

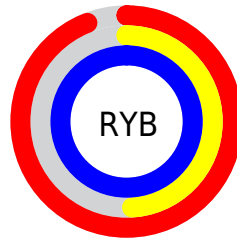
The Hex color **F07EFF** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **8DFF7E**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **FFB6FF**, and **B546C6** is the 20% darker color. If you saturate the color by 10%, you get **ED65FF**, and if you desaturate by 10%, it is **F398FF**.

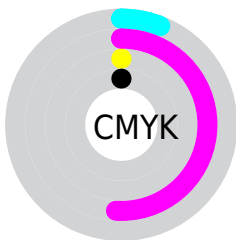
# Distribution



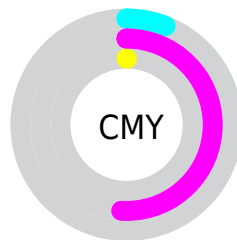
- Red (94%)
- Green (49%)
- Blue (100%)



- Red (94%)
- Yellow (49%)
- Blue (100%)



- Cyan (6%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (51%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F07EFF 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 F07EFF by changing the saturation by 10% instead.



 F07EFF

 F07EFF

FFFFFF

 D262E2

 FFB6FF


 B546C6

 FFD3FF

 9928AA

 FFF0FF

 7D008F

 610075

 46005C

 2F0044

 09002C

 000116

 F07EFF

 F07EFF

 ED65FF

 F398FF

 EA4BFF

 F6B1FF

 E731FF

 F9CBFF

 E418FF

 FCE4FF

 E100FF

FFFEFF

FFFFFF

# Harmonies

## Analogous

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



8A9FFF



F07EFF



FF64BD

# Triad

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



F07EFF



D9A200



00CBE1

# Complementary

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



F07EFF



8DFF7E

# 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.



00CA99



F07EFF



97B803

# Square

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



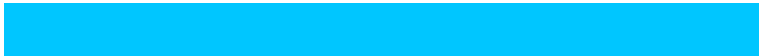
F07EFF



FF8538



2CC452



00C6FF

# Rectangle

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



F07EFF



FF638E



2CC452



00BCA



# Sweetspot

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



F07EFF



FBD9FF



7E8DFF



7D6980



000000



808080



# Same Dimension

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



F07EFF



ED63FF



FF7ECE



7E7380



A900BF



380040



# Inverse Universe

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



FF7E8D



FF6376



7EFFAF



807374



BF0016



400007



# Previews

## White Background



This preview shows how the Hex color F07EFF looks on a white background.

## Color Contrast Check

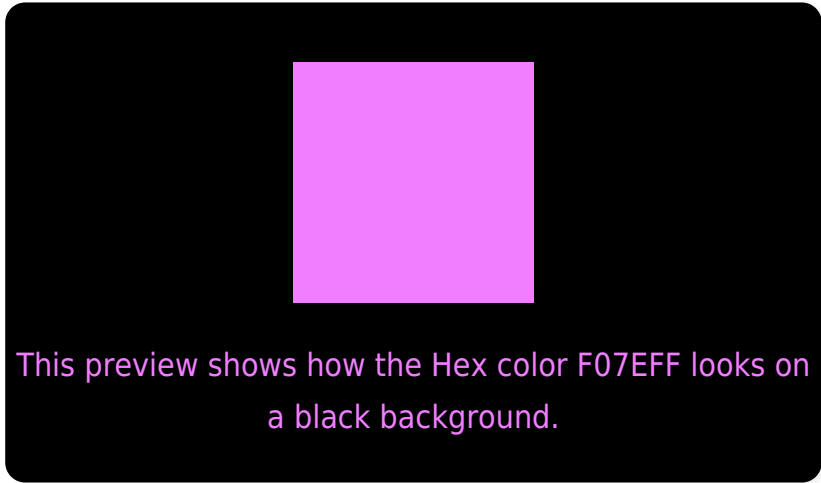
Large Text (above 18pt) WCAG AA × Fail

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

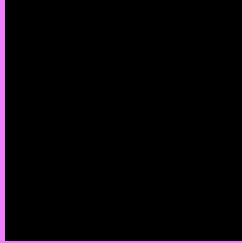
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F07EFF Background



This preview shows how black text looks on a background with the Hex color F07EFF.

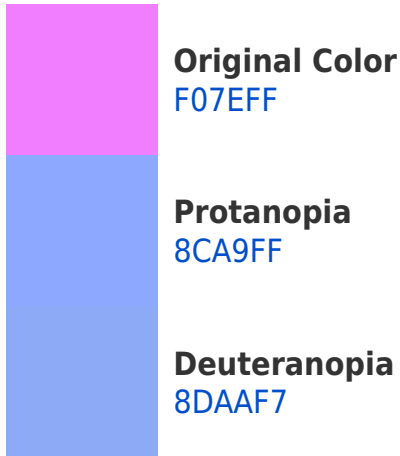


This preview shows how white text looks on a background with the Hex color F07EFF.

# 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**  
E395A0

# Trichromacy



**Original Color**  
F07EFF



**Protanomaly**  
B099FF



**Deuteranomaly**  
B19AFA



**Tritanomaly**  
E88DC3

# Monochromacy



**Original Color**  
F07EFF



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
C79DCC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F07EFF 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 #F07EFF looks like.

```
.text, #text, p{  
    color:#F07EFF  
}
```

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 #F07EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F07EFF
}
```

## Border

The CSS property to change the border of an element to Hex F07EFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

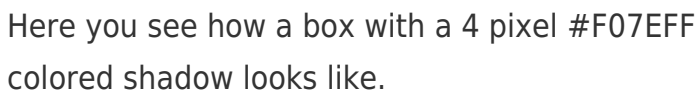
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F07EFF }
```

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

```
.border{ border-color:#F07EFF }
```

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



Here you see how a box with a 4 pixel #F07EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F07EFF; -webkit-box-shadow:4px 4px  
4px 4px #F07EFF; box-shadow:4px 4px 4px  
4px #F07EFF }
```

# Background

The CSS property to change the background color of an element to Hex F07EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F07EFF }
```

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

```
.background{ background-color:#F07EFF }
```

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