

# Converting Colors

Hex(F07ED9)

Have a look what the booklet for  
Hex(F07ED9) contains.

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# **Color**

**Hex(F07ED9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F07ED9
RGB	240, 126, 217
RGB Percent	94%, 49%, 85%
CMY	0.0588, 0.5059, 0.1490
CMYK	0.00, 0.47, 0.10, 0.06
HSL	312°, 79%, 72%
HSV	312°, 48%, 94%
XYZ	55.9204, 38.4567, 70.1212
YIQ	170.4600, 38.7330, 52.4690

# Conversions

## Conversions Part 2

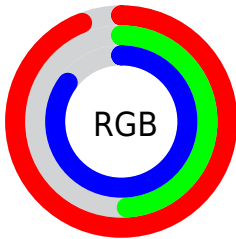
Format	Color
R <sub>Y</sub> B	240, 126, 217
Decimal	15761113
CIE Lab	68.36, 55.36, -27.27
CIE LCh	68, 61.717, 333.775
Yxy	38.4567, 0.3399, 0.2338
Android (android.graphics.Color)	4293951193 (0xFFFF07ED9)
YUV	170.4600, 22.9442, 60.9866
Hunter-Lab	62.0135, 52.4381, -23.6322

# Details

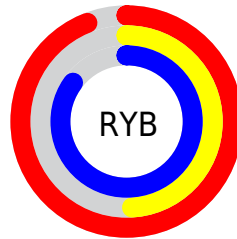
The Hex color **F07ED9** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **7EF095**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFB6FF**, and **B647A2** is the 20% darker color. If you saturate the color by 10%, you get **F066D4**, and if you desaturate by 10%, it is **F096DE**.

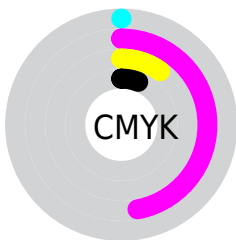
# Distribution



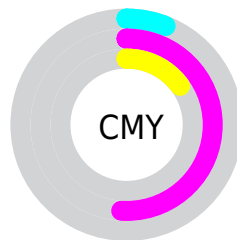
- Red (94%)
- Green (49%)
- Blue (85%)



- Red (94%)
- Yellow (49%)
- Blue (85%)



- Cyan (0%)
- Magenta (47%)
- Yellow (10%)
- Black (6%)



- Cyan (6%)
- Magenta (51%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F07ED9 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 F07ED9 by changing the saturation by 10% instead.



 F07ED9

 F07ED9

FFFFFF

 D363BD

 FFB6FF

 B647A2

 FFD2FF

 992B87

 FFEFFF

 7E036E

 630055

 48003E

 310028

 050010

 000000

 F07ED9

 F07ED9

 F066D4

 F096DE

 F04ECF

 F0AEE3

 F036CA

 F0C6E8

 F01EC6

 F0DEEC

 F006C1

 F0F6F1

 F000C0

 F0FFF6

 F0FFFB

 F0FFFF

# Harmonies

## Analogous

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



B295FF



F07ED9



FF73A2

# Triad

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



F07ED9



BEA62D



00C0E3

# Complementary

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



F07ED9



7EF095

# 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.



00C2AC



F07ED9



84B543

# Square

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



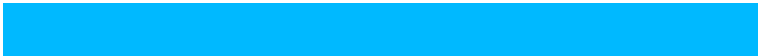
F07ED9



EB9240



25BE73



00B9FF

# Rectangle

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



F07ED9



FF777D



25BE73



00C1D2



# Sweetspot

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



F07ED9



FFDBF8



957EF0



806A7B



000000



808080



# Same Dimension

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



F07ED9



FF6EE2



F07EA0



786C75



B80093



38002D



# Inverse Universe

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



F07ED9



FF6EE2



7EF0CE



786C75



B80093

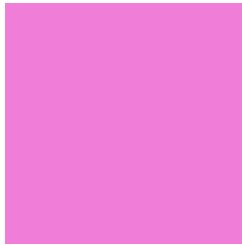


38002D



# Previews

## White Background



This preview shows how the Hex color F07ED9 looks on a white background.

## Color Contrast Check

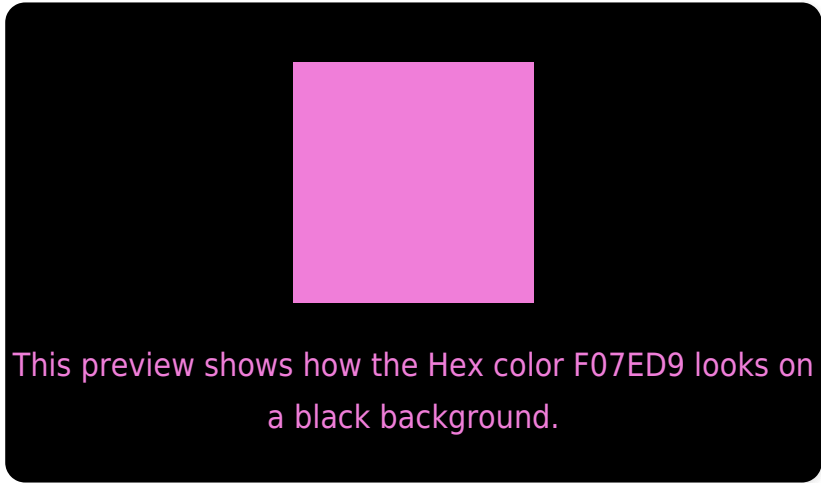
Large Text (above 18pt) WCAG AA × Fail

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 F07ED9 Background



This preview shows how black text looks on a background with the Hex color F07ED9.

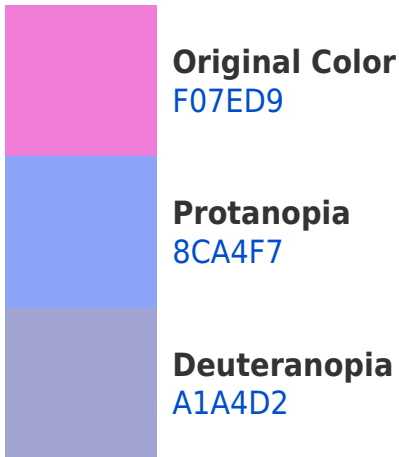


This preview shows how white text looks on a background with the Hex color F07ED9.

# 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**  
E98D97

# Trichromacy



**Original Color**  
F07ED9



**Protanomaly**  
B096EC



**Deuteranomaly**  
BE96D5



**Tritanomaly**  
EC88AF

# Monochromacy



**Original Color**  
F07ED9



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
C39ABB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F07ED9 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 #F07ED9 looks like.

```
.text, #text, p{  
    color:#F07ED9  
}
```

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 #F07ED9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F07ED9
}
```

## Border

The CSS property to change the border of an element to Hex F07ED9 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
#F07ED9 }
```

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

```
.border{ border-color:#F07ED9 }
```

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

Here you see how a box with a 4 pixel #F07ED9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F07ED9; -webkit-box-shadow:4px 4px  
4px 4px #F07ED9; box-shadow:4px 4px 4px  
4px #F07ED9 }
```

# Background

The CSS property to change the background color of an element to Hex F07ED9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F07ED9 }
```

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

```
.background{ background-color:#F07ED9 }
```

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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