

Converting Colors

Hex(F07AE0)

Have a look what the booklet for
Hex(F07AE0) contains.

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Color

Hex(F07AE0)

Conversions

Conversions Part 1

Format	Color
Hex	F07AE0
RGB	240, 122, 224
RGB Percent	94%, 48%, 88%
CMY	0.0588, 0.5216, 0.1216
CMYK	0.00, 0.49, 0.07, 0.06
HSL	308°, 80%, 71%
HSV	308°, 49%, 94%
XYZ	56.3493, 37.8262, 74.8523
YIQ	168.9100, 37.5860, 56.7380

Conversions

Conversions Part 2

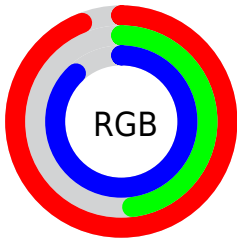
Format	Color
R _Y B	240, 122, 224
Decimal	15760096
CIE Lab	67.89, 58.43, -31.87
CIE LCh	68, 66.559, 331.389
Yxy	37.8262, 0.3334, 0.2238
Android (android.graphics.Color)	4293950176 (0xFFFF07AE0)
YUV	168.9100, 27.1594, 62.3459
Hunter-Lab	61.5030, 55.9122, -29.1069

Details

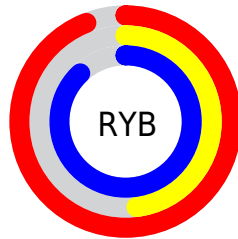
The Hex color **F07AE0** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7AF08A**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFB2FF**, and **B643A8** is the 20% darker color. If you saturate the color by 10%, you get **F062DD**, and if you desaturate by 10%, it is **F092E3**.

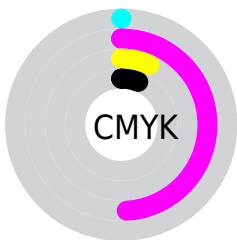
Distribution



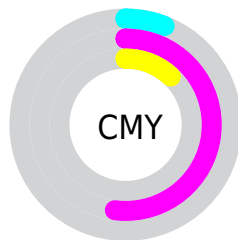
- Red (94%)
- Green (48%)
- Blue (88%)



- Red (94%)
- Yellow (48%)
- Blue (88%)



- Cyan (0%)
- Magenta (49%)
- Yellow (7%)
- Black (6%)



- Cyan (6%)
- Magenta (52%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color F07AE0 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 F07AE0 by changing the saturation by 10% instead.

 F07AE0

 F07AE0

FFFFFF

 D35EC4

 FFB2FF

 B643A8

 FFCFFF

 99248E

 FFECFF

 7D0074

 62005B

 470043

 30002D

 040016

 000000

 F07AE0

 F07AE0

 F062DD

 F092E3

 F04AD9

 F0AAE7

 F032D6

 F0C2EA

 F01AD3

 F0DAED

 F002D0

 F0F2F0

 F000CF

 F0FFF4

 F0FFF7

 F0FFFA

 F0FFFD

Harmonies

Analogous

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



A994FF



F07AE0



FF6BA5

Triad

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



F07AE0



C1A31B



00C1E2

Complementary

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



F07AE0



7AF08A

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.



00C2A6



F07AE0



85B435

Square

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



F07AE0



F18D39



16BE69



00BAFF

Rectangle

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



F07AE0



FF6F7D



16BE69



00C2D0

Sweetspot

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



F07AE0



FFD9FA



8A7AF0



80697C



000000



808080

Same Dimension

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



F07AE0



FF69EB



F07AA5



786C76



B8009F



380030

Inverse Universe

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



F07AE0



FF69EB



7AF0C5



786C76



B8009F



380030

Previews

White Background



This preview shows how the Hex color F07AE0 looks on a white background.

Color Contrast Check

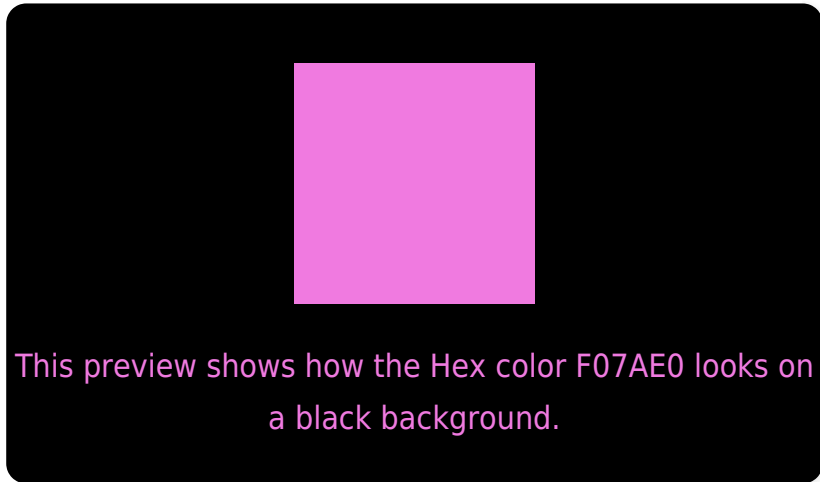
Large Text (above 18pt) WCAG AA × Fail

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 F07AE0 Background



This preview shows how black text looks on a background with the Hex color F07AE0.

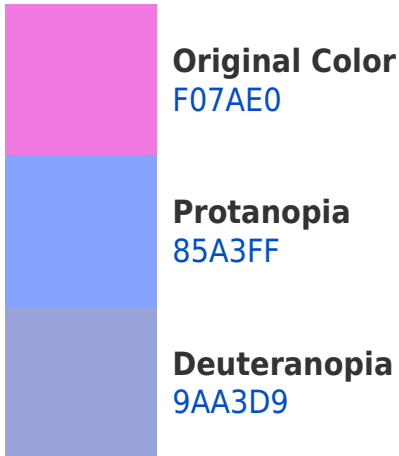


This preview shows how white text looks on a background with the Hex color F07AE0.

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
E78B95

Trichromacy



Original Color
F07AE0



Protanomaly
AC94F4



Deuteranomaly
B994DC



Tritanomaly
EA85B0

Monochromacy



Original Color
F07AE0



Achromatopsia
A9A9A9



Achromatomaly
C398BD

CSS Examples

Text

The CSS property to change the color of the text to Hex F07AE0 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 #F07AE0 looks like.

```
.text, #text, p{  
    color:#F07AE0  
}
```

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 #F07AE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F07AE0
}
```

Border

The CSS property to change the border of an element to Hex F07AE0 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
#F07AE0 }
```

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

```
.border{ border-color:#F07AE0 }
```

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

Here you see how a box with a 4 pixel #F07AE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F07AE0; -webkit-box-shadow:4px 4px  
4px 4px #F07AE0; box-shadow:4px 4px 4px  
4px #F07AE0 }
```

Background

The CSS property to change the background color of an element to Hex F07AE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F07AE0 }
```

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

```
.background{ background-color:#F07AE0 }
```

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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