

Converting Colors

Hex(F007AE)

Have a look what the booklet for
Hex(F007AE) contains.

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Color

Hex(F007AE)

Conversions

Conversions Part 1

Format	Color
Hex	F007AE
RGB	240, 7, 174
RGB Percent	94%, 3%, 68%
CMY	0.0588, 0.9725, 0.3176
CMYK	0.00, 0.97, 0.27, 0.06
HSL	317°, 94%, 48%
HSV	317°, 97%, 94%
XYZ	43.6511, 21.7332, 41.9387
YIQ	95.7050, 85.2610, 101.3330

Conversions

Conversions Part 2

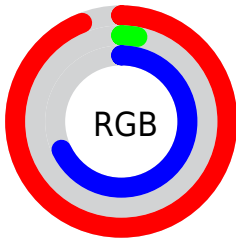
Format	Color
RYB	240, 7, 174
Decimal	15730606
CIELab	53.74, 85.15, -25.27
CIElCh	54, 88.820, 343.470
Yxy	21.7332, 0.4067, 0.2025
Android (android.graphics.Color)	4293920686 (0xFFFF007AE)
YUV	95.7050, 38.5994, 126.5467
Hunter-Lab	46.6189, 85.5536, -20.7044

Details

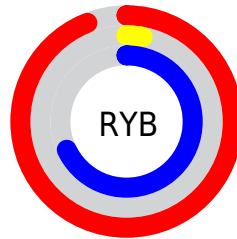
The Hex color **F007AE** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **07F049**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF64E6**, and **B30079** is the 20% darker color. If you saturate the color by 10%, you get **F000AC**, and if you desaturate by 10%, it is **F01FB5**.

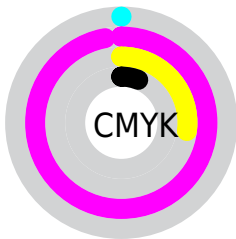
Distribution



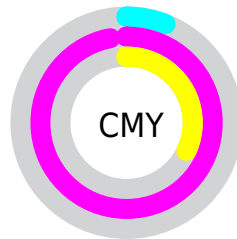
- Red (94%)
- Green (3%)
- Blue (68%)



- Red (94%)
- Yellow (3%)
- Blue (68%)



- Cyan (0%)
- Magenta (97%)
- Yellow (27%)
- Black (6%)



- Cyan (6%)
- Magenta (97%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color F007AE 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 F007AE by changing the saturation by 10% instead.

 F007AE

 F007AE

FFFFFF

 D10093

 FF64E6

 B30079

 FF84FF

 940060

 FFA2FF

 770048

 FFC1FF

 590031

 FFDFFF

 3C001C

FFFEFF

 1C0001

 000000

 F007AE

 F007AE

 F000AC

 F01FB5

 F037BC

 F04FC2

 F067C9

 F07FD0

 F097D7

 F0AFDE

 F0C7E4

 F0DFEB

Harmonies

Analogous

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



AA57F1



F007AE



FF0062

Triad

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



F007AE



7D8800



009FEA

Complementary

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



F007AE



07F049

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.



00A0A2



F007AE



009700

Square

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



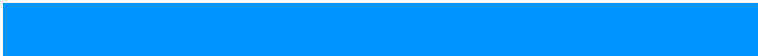
F007AE



BE6D00



009D51



0096FF

Rectangle

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



F007AE



F82930



009D51



00A0D4

Sweetspot

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



F007AE



FFB5EA



4507F0



805373



000000



808080

Same Dimension

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



F007AE



FF00B7



F0073D



786C74



B80084



380028

Inverse Universe

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



F007AE



FF00B7



07F0BA



786C74



B80084



380028

Previews

White Background



This preview shows how the Hex color F007AE looks on a white background.

Color Contrast Check

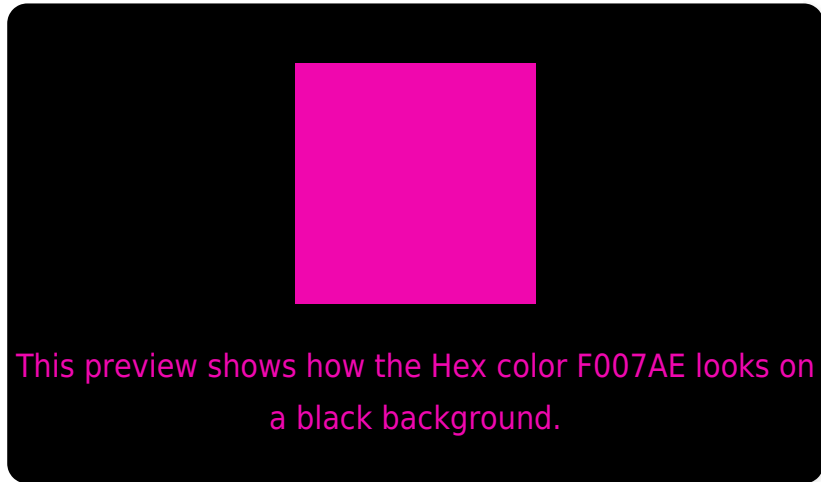
Large Text (above 18pt) WCAG AA ✓ Pass

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 F007AE Background



This preview shows how black text looks on a background with the Hex color F007AE.




This preview shows how white text looks on a background with the Hex color F007AE.

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
E94548

Trichromacy



Original Color
F007AE



Protanomaly
7E53DD



Deuteranomaly
A753A7



Tritanomaly
EC2E6D

Monochromacy



Original Color
F007AE



Achromatopsia
606060



Achromatomaly
94407C

CSS Examples

Text

The CSS property to change the color of the text to Hex F007AE 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 #F007AE looks like.

```
.text, #text, p{  
    color:#F007AE  
}
```

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 #F007AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F007AE
}
```

Border

The CSS property to change the border of an element to Hex F007AE 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
#F007AE }
```

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

```
.border{ border-color:#F007AE }
```

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

Here you see how a box with a 4 pixel #F007AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F007AE; -webkit-box-shadow:4px 4px  
4px 4px #F007AE; box-shadow:4px 4px 4px  
4px #F007AE }
```

Background

The CSS property to change the background color of an element to Hex F007AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F007AE }
```

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

```
.background{ background-color:#F007AE }
```

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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