

# Converting Colors

Hex(F7007A)

Have a look what the booklet for  
Hex(F7007A) contains.

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**Color**

**Hex(F7007A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F7007A
RGB	247, 0, 122
RGB Percent	97%, 0%, 48%
CMY	0.0314, 1.0000, 0.5216
CMYK	0.00, 1.00, 0.51, 0.03
HSL	330°, 100%, 48%
HSV	330°, 100%, 97%
XYZ	41.8706, 21.1793, 20.2935
YIQ	87.7610, 108.0500, 90.3060

# Conversions

## Conversions Part 2

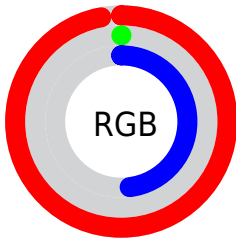
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 0, 122
Decimal	16187514
CIE <sub>Lab</sub>	53.15, 82.41, 4.97
CIE <sub>LCh</sub>	53, 82.557, 3.453
Yxy	21.1793, 0.5024, 0.2541
Android (android.graphics.Color)	4294377594 (0xFF7007A)
YUV	87.7610, 16.8798, 139.6526
Hunter-Lab	46.0210, 81.8655, 6.0700

# Details

The Hex color **F7007A** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **00F77D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF62AE**, and **B7004A** is the 20% darker color. If you saturate the color by 10%, you get **F7007A**, and if you desaturate by 10%, it is **F71986**.

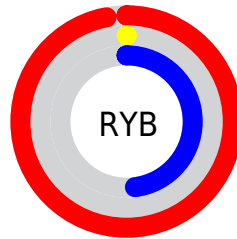
# Distribution



Red (97%)

Green (0%)

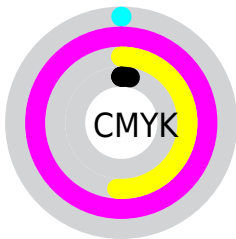
Blue (48%)



Red (97%)

Yellow (0%)

Blue (48%)

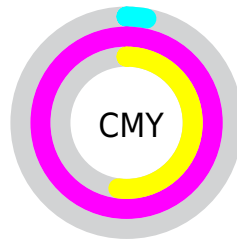


Cyan (0%)

Magenta (100%)

Yellow (51%)

Black (3%)



Cyan (3%)

Magenta (100%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7007A 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 F7007A by changing the saturation by 10% instead.



 F7007A

 F7007A

FFFFFF

 D70061

 FF62AE

 B7004A

 FF81C9

 980034

 FFA0E5

 79001F

 FFBFFF

 5B0005

 FFDDFF

 3C0003

 FFFCFF

 150000

 000000

 F7007A

 F71986

 F73193

 F74A9F

 F763AC

 F77CB8

 F794C5

 F7ADD1

 F7C6DE

 F7DEEB

# Harmonies

## Analogous

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



D838C0



F7007A



EF3535

# Triad

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



F7007A



479000



0096FF

# Complementary

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



F7007A



00F77D

# 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.



009CCC



F7007A



00993A

# Square

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



F7007A



937F00



009C86



0086FF

# Rectangle

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



F7007A



D95500



009C86



0099F1



# Sweetspot

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



F7007A



FFB3D8



7C00F7



805268



000000



808080



# Same Dimension

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



F7007A



FF007E



F70000



7A6E74



BA005C



3B001D



# Inverse Universe

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



F7007A



FF007E



00F7F7



7A6E74



BA005C



3B001D



# Previews

## White Background



This preview shows how the Hex color F7007A looks on a white background.

## Color Contrast Check

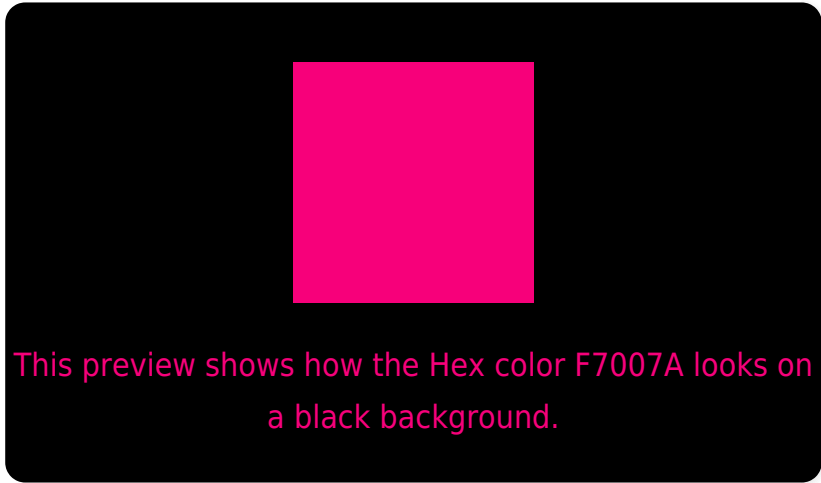
Large Text (above 18pt) WCAG AA ✓ Pass

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 F7007A Background



This preview shows how black text looks on a background with the Hex color F7007A.



This preview shows how white text looks on a background with the Hex color F7007A.

# 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**  
F43130

# Trichromacy



**Original Color**  
F7007A



**Protanomaly**  
A2519C



**Deuteranomaly**  
B74F74



**Tritanomaly**  
F51F4B

# Monochromacy



**Original Color**  
F7007A



**Achromatopsia**  
585858



**Achromatomaly**  
923864

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7007A 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 #F7007A looks like.

```
.text, #text, p{  
    color:#F7007A  
}
```

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 #F7007A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7007A
}
```

## Border

The CSS property to change the border of an element to Hex F7007A 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
#F7007A }
```

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

```
.border{ border-color:#F7007A }
```

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

Here you see how a box with a 4 pixel #F7007A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7007A; -webkit-box-shadow:4px 4px  
4px 4px #F7007A; box-shadow:4px 4px 4px  
4px #F7007A }
```

# Background

The CSS property to change the background color of an element to Hex F7007A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7007A }
```

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

```
.background{ background-color:#F7007A }
```

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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