

# Converting Colors

Hex(F078A7)

Have a look what the booklet for  
Hex(F078A7) contains.

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# **Color**

**Hex(F078A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F078A7
RGB	240, 120, 167
RGB Percent	94%, 47%, 65%
CMY	0.0588, 0.5294, 0.3451
CMYK	0.00, 0.50, 0.30, 0.06
HSL	336°, 80%, 71%
HSV	336°, 50%, 94%
XYZ	49.6267, 34.7482, 40.6507
YIQ	161.2380, 56.4330, 40.0570

# Conversions

## Conversions Part 2

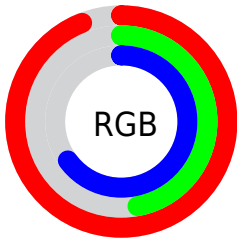
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 120, 167
Decimal	15759527
CIE Lab	65.55, 51.10, -3.40
CIE LCh	66, 51.216, 356.188
Yxy	34.7482, 0.3969, 0.2779
Android (android.graphics.Color)	4293949607 (0xFFFF078A7)
YUV	161.2380, 2.8407, 69.0743
Hunter-Lab	58.9476, 47.1169, 0.3766

# Details

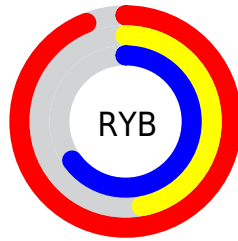
The Hex color **F078A7** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **78F0C1**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFAFDE**, and **B54273** is the 20% darker color. If you saturate the color by 10%, you get **F06098**, and if you desaturate by 10%, it is **F090B6**.

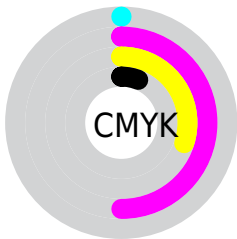
# Distribution



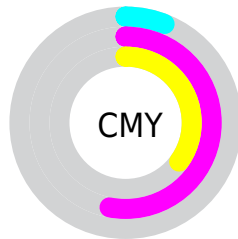
- Red (94%)
- Green (47%)
- Blue (65%)



- Red (94%)
- Yellow (47%)
- Blue (65%)



- Cyan (0%)
- Magenta (50%)
- Yellow (30%)
- Black (6%)



- Cyan (6%)
- Magenta (53%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F078A7 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 F078A7 by changing the saturation by 10% instead.



 F078A7

 F078A7

FFFFFF

 D25D8D

 FFAFDE

 B54273

 FFCCFB

 98255B

 FFE9FF

 7C0043

 60002D

 450019

 2C0001

 000000

 F078A7

 F078A7

 F06098

 F090B6

 F0488A

 F0A8C4

 F0307B

 F0C0D3

 F0186D

 F0D8E1

 F0005E

 F0F0F0

 F0FFFF

# Harmonies

## Analogous

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



D283D3



F078A7



F47B79

# Triad

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



F078A7



91A949



00B1EB

# Complementary

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



F078A7



78F0C1

# 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.



00B6C6



F078A7



58B26A

# Square

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



F078A7



BF9B40



00B698



2EA6FB

# Rectangle

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



F078A7



E9845F



00B698



00B3E0



# Sweetspot

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



F078A7



FFD9E8



C078F0



806972



000000



808080



# Same Dimension

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



F078A7



FF66A2



F08478



786C71



B80048



380016



# Inverse Universe

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



F078A7



FF66A2



78E4F0



786C71



B80048



380016



# Previews

## White Background



This preview shows how the Hex color F078A7 looks on a white background.

## Color Contrast Check

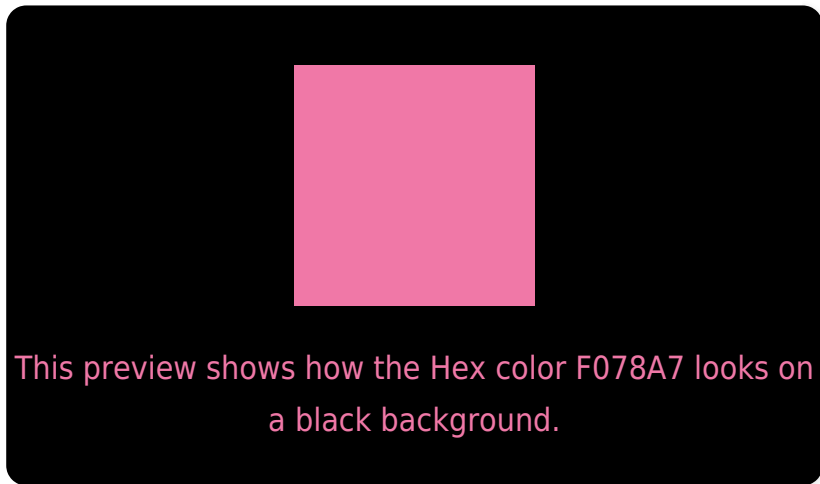
Large Text (above 18pt) WCAG AA × Fail

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 F078A7 Background



This preview shows how black text looks on a background with the Hex color F078A7.



This preview shows how white text looks on a background with the Hex color F078A7.

# 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**  
ED7E87

# Trichromacy



**Original Color**  
F078A7



**Protanomaly**  
B990B6



**Deuteranomaly**  
C68EA3

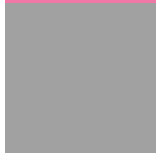


**Tritanomaly**  
EE7C93

# Monochromacy



**Original Color**  
F078A7



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
BE92A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F078A7 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 #F078A7 looks like.

```
.text, #text, p{  
    color:#F078A7  
}
```

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 #F078A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F078A7
}
```

## Border

The CSS property to change the border of an element to Hex F078A7 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
#F078A7 }
```

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

```
.border{ border-color:#F078A7 }
```

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

Here you see how a box with a 4 pixel #F078A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F078A7; -webkit-box-shadow:4px 4px  
4px 4px #F078A7; box-shadow:4px 4px 4px  
4px #F078A7 }
```

# Background

The CSS property to change the background color of an element to Hex F078A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F078A7 }
```

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

```
.background{ background-color:#F078A7 }
```

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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