

# Converting Colors

Hex(F0A7C8)

Have a look what the booklet for  
Hex(F0A7C8) contains.

<b>Hex(F0A7C8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(F0A7C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0A7C8
RGB	240, 167, 200
RGB Percent	94%, 65%, 78%
CMY	0.0588, 0.3451, 0.2157
CMYK	0.00, 0.30, 0.17, 0.06
HSL	333°, 71%, 80%
HSV	333°, 30%, 94%
XYZ	60.1792, 50.3328, 61.1870
YIQ	192.5890, 32.9150, 25.7390

# Conversions

## Conversions Part 2

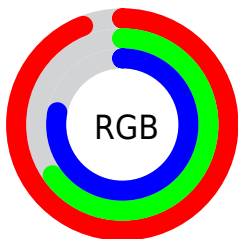
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 167, 200
Decimal	15771592
CIE Lab	76.27, 31.62, -5.95
CIE LCh	76, 32.171, 349.340
Yxy	50.3328, 0.3505, 0.2931
Android (android.graphics.Color)	4293961672 (0xFFFF0A7C8)
YUV	192.5890, 3.6536, 41.5794
Hunter-Lab	70.9456, 27.2567, -1.4727

# Details

The Hex color **F0A7C8** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **A7F0CF**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFDFFF**, and **B77292** is the 20% darker color. If you saturate the color by 10%, you get **F08FBB**, and if you desaturate by 10%, it is **F0BFD5**.

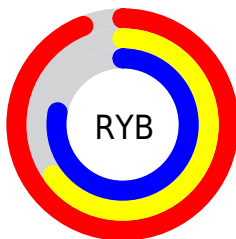
# Distribution



Red (94%)

Green (65%)

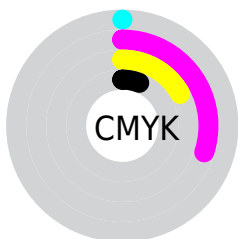
Blue (78%)



Red (94%)

Yellow (65%)

Blue (78%)

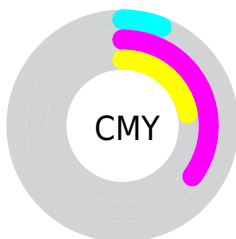


Cyan (0%)

Magenta (30%)

Yellow (17%)

Black (6%)



Cyan (6%)

Magenta (35%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0A7C8 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 F0A7C8 by changing the saturation by 10% instead.



 F0A7C8

 F0A7C8

FFFFFF

 D38CAD

 FFDFFF

 B77292

 FFFCFF

 9B5978

 804060

 662848

 4D1032

 34001D

 1D0001

 000000

 F0A7C8

 F0A7C8

 F08FBB

 F0BFD5

 F077AE

 F0D7E2

 F05FA1

 F0EFEF

 F04793

 F0FFFD

 F02F86

 F0FFFF

 F01779

 F0006C

# Harmonies

## Analogous

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



D8AEE3



F0A7C8



F8A7AA

# Triad

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



F0A7C8



BDC083



63C9E8

# Complementary

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



F0A7C8



A7F0CF

# 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.



60CCCF



F0A7C8



9BC895

# Square

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



F0A7C8



DBB782



79CCB0



86C2F6

# Rectangle

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



F0A7C8



F4AA98



79CCB0



5ECBE1



# Sweetspot

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



F0A7C8



FFE8F2



CEA7F0



807178



000000



808080



# Same Dimension

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



F0A7C8



FFA1CB



F0A9A7



786C71



B80053



380019



# Inverse Universe

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



F0A7C8



FFA1CB



A7EEF0



786C71



B80053



380019



# Previews

## White Background



This preview shows how the Hex color F0A7C8 looks on a white background.

## Color Contrast Check

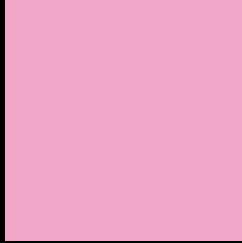
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color F0A7C8 looks on a 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 F0A7C8 Background



This preview shows how black text looks on a background with the Hex color F0A7C8.

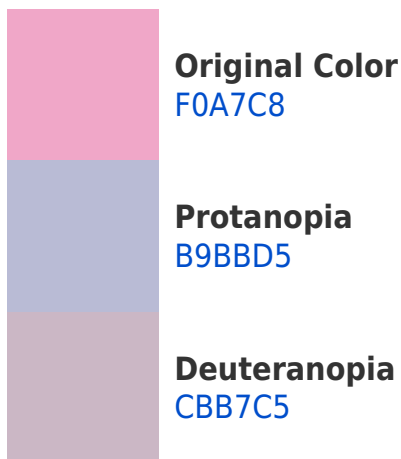


This preview shows how white text looks on a background with the Hex color F0A7C8.

# 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





# Trichromacy



**Original Color**  
F0A7C8



**Protanomaly**  
CDB4D0



**Deuteranomaly**  
D8B1C6

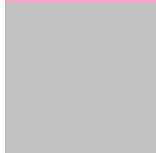


**Tritanomaly**  
EFA9BD

# Monochromacy



**Original Color**  
F0A7C8



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
D2B8C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0A7C8 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 #F0A7C8 looks like.

```
.text, #text, p{  
    color:#F0A7C8  
}
```

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 #F0A7C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0A7C8  
}
```

## Border

The CSS property to change the border of an element to Hex F0A7C8 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  
#F0A7C8 }
```

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

```
.border{ border-color:#F0A7C8 }
```

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

Here you see how a box with a 4 pixel #F0A7C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0A7C8; -webkit-box-shadow:4px 4px  
4px 4px #F0A7C8; box-shadow:4px 4px 4px  
4px #F0A7C8 }
```

# Background

The CSS property to change the background color of an element to Hex F0A7C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0A7C8 }
```

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

```
.background{ background-color:#F0A7C8 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor