

# Converting Colors

Hex(F0C2A8)

Have a look what the booklet for  
Hex(F0C2A8) contains.

<b>Hex(F0C2A8)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(F0C2A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0C2A8
RGB	240, 194, 168
RGB Percent	94%, 76%, 66%
CMY	0.0588, 0.2392, 0.3412
CMYK	0.00, 0.19, 0.30, 0.06
HSL	22°, 71%, 80%
HSV	22°, 30%, 94%
XYZ	62.2948, 59.9360, 45.3313
YIQ	204.7900, 35.7620, 1.6660

# Conversions

## Conversions Part 2

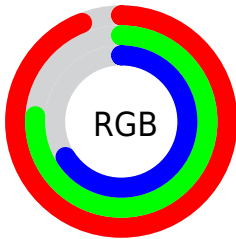
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 209, 168
Decimal	15778472
CIE Lab	81.80, 12.75, 19.29
CIE LCh	82, 23.121, 56.528
Yxy	59.9360, 0.3718, 0.3577
Android (android.graphics.Color)	4293968552 (0xFFFF0C2A8)
YUV	204.7900, -18.1375, 30.8792
Hunter-Lab	77.4183, 8.1484, 19.4764

# Details

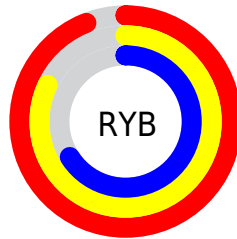
The Hex color **F0C2A8** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **A8D6F0**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFBDF**, and **B78C74** is the 20% darker color. If you saturate the color by 10%, you get **F0B390**, and if you desaturate by 10%, it is **F0D1C0**.

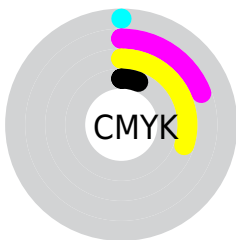
# Distribution



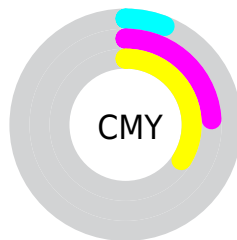
- Red (94%)
- Green (76%)
- Blue (66%)



- Red (94%)
- Yellow (82%)
- Blue (66%)



- Cyan (0%)
- Magenta (19%)
- Yellow (30%)
- Black (6%)



- Cyan (6%)
- Magenta (24%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0C2A8 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 F0C2A8 by changing the saturation by 10% instead.



 F0C2A8

 F0C2A8

FFFFFF

 D3A78E

 FFFBDF

 B78C74

 FFFFFC

 9B735B

 805A44

 66432D

 4D2C18

 351700

 1E0000

 000000

 F0C2A8

 F0C2A8

 F0B390

 F0D1C0

 F0A378

 F0E1D8

 F09460

 F0F0F0

 F08548

 F0FFFF

 F07530

 F06618

 F05700

# Harmonies

## Analogous

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



F8BDB9



F0C2A8



DEC9A0

# Triad

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



F0C2A8



99D8C8



CCC7F2

# Complementary

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



F0C2A8



A8D6F0

# 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.



AFCEF6



F0C2A8



90D7DE

# Square

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



F0C2A8



AED5B3



98D4EF



E5C0E4

# Rectangle

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



F0C2A8



CFCEA2



98D4EF



C2C9F5

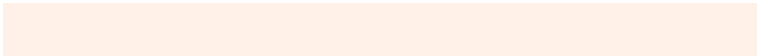


# Sweetspot

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



F0C2A8



FFF0E8



F0A8D7



807771



000000



808080



# Same Dimension

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



F0C2A8



FFC4A3



F0E5A8



78706C



B84200



381400

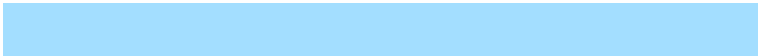


# Inverse Universe

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



A8D6F0



A3DEFF



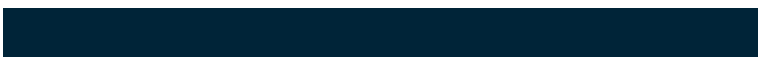
A8B3F0



6C7478



0075B8



002438



# Previews

## White Background



This preview shows how the Hex color F0C2A8 looks on a white background.

## Color Contrast Check

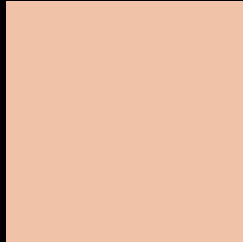
Large Text (above 18pt) WCAG AA × Fail

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 F0C2A8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

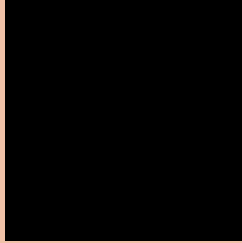
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F0C2A8 Background



This preview shows how black text looks on a background with the Hex color F0C2A8.

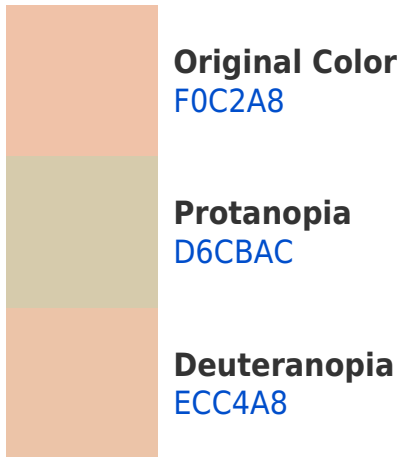


This preview shows how white text looks on a background with the Hex color F0C2A8.

# 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](#).

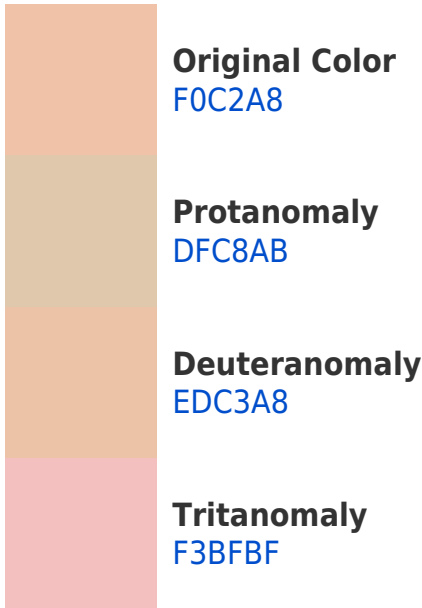
## Dichromacy



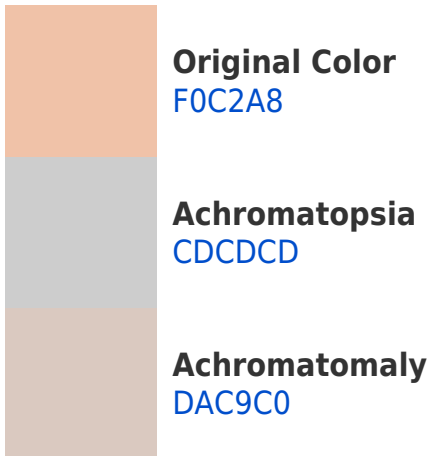


**Tritanopia**  
F4BDCC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0C2A8 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 #F0C2A8 looks like.

```
.text, #text, p{  
    color:#F0C2A8  
}
```

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 #F0C2A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0C2A8  
}
```

## Border

The CSS property to change the border of an element to Hex F0C2A8 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  
#F0C2A8 }
```

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

```
.border{ border-color:#F0C2A8 }
```

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

Here you see how a box with a 4 pixel #F0C2A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0C2A8; -webkit-box-shadow:4px 4px  
4px 4px #F0C2A8; box-shadow:4px 4px 4px  
4px #F0C2A8 }
```

# Background

The CSS property to change the background color of an element to Hex F0C2A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0C2A8 }
```

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

```
.background{ background-color:#F0C2A8 }
```

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