

# Converting Colors

Hex(F0B5B8)

Have a look what the booklet for  
Hex(F0B5B8) contains.

<b>Hex(F0B5B8)</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(F0B5B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0B5B8
RGB	240, 181, 184
RGB Percent	94%, 71%, 72%
CMY	0.0588, 0.2902, 0.2784
CMYK	0.00, 0.25, 0.23, 0.06
HSL	357°, 66%, 83%
HSV	357°, 25%, 94%
XYZ	61.1108, 55.0337, 52.7491
YIQ	198.9830, 34.2010, 13.4410

# Conversions

## Conversions Part 2

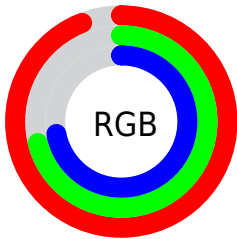
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 181, 184
Decimal	15775160
CIE Lab	79.06, 21.80, 6.82
CIE LCh	79, 22.846, 17.368
Yxy	55.0337, 0.3618, 0.3258
Android (android.graphics.Color)	4293965240 (0xFFFF0B5B8)
YUV	198.9830, -7.3866, 35.9719
Hunter-Lab	74.1847, 17.2189, 9.7711

# Details

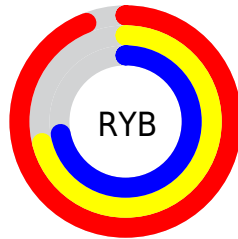
The Hex color **F0B5B8** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **B5F0ED**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFEDF0**, and **B78083** is the 20% darker color. If you saturate the color by 10%, you get **F09DA1**, and if you desaturate by 10%, it is **F0CDCF**.

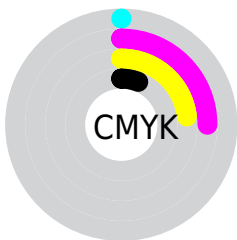
# Distribution



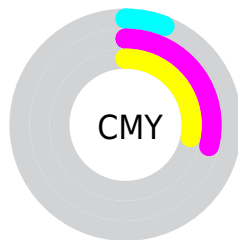
- Red (94%)
- Green (71%)
- Blue (72%)



- Red (94%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (25%)
- Yellow (23%)
- Black (6%)



- Cyan (6%)
- Magenta (29%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0B5B8 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 F0B5B8 by changing the saturation by 10% instead.



 F0B5B8

FFFFFF

 FFEDF0

 F0B5B8

 D39A9D

 B78083

 9B666A

 814E52

 66373B

 4D2025

 350A10

 1F0001

 000000

 F0B5B8

 F0B5B8

 F09DA1

 F0CDCF

 F0858A

 F0E5E6

 F06D74

 F0FDFC

 F0555D

 F0FFFF

 F03D46

 F0252F

 F00D19

 F0000C

# Harmonies

## Analogous

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



E9B6CE



F0B5B8



EBB9A5

# Triad

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



F0B5B8



AFCCA6



A0C8ED

# Complementary

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



F0B5B8



B5F0ED

# 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.



8CCEE2



F0B5B8



98CFBA

# Square

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



F0B5B8



C7C69B



8AD0D0



BCC1EC

# Rectangle

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



F0B5B8



E2BD9D



8AD0D0



98CAEA



# Sweetspot

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



F0B5B8



FFEDEE



ECB5F0



807576



000000



808080



# Same Dimension

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



F0B5B8



FFB3B6



F0CFB5



786C6C



B80009



380003



# Inverse Universe

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



F0B5B8



FFB3B6



B5D6F0



786C6C



B80009

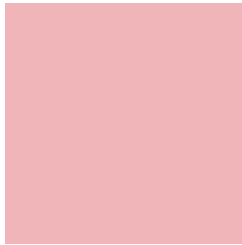


380003



# Previews

## White Background



This preview shows how the Hex color F0B5B8 looks on a white background.

## Color Contrast Check

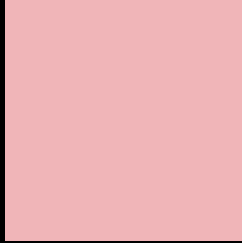
Large Text (above 18pt) WCAG AA × Fail

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 F0B5B8 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 F0B5B8 Background



This preview shows how black text looks on a background with the Hex color F0B5B8.

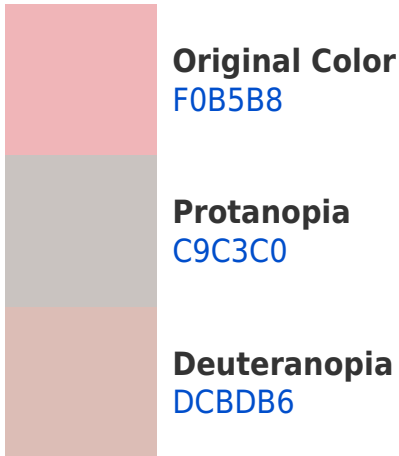


This preview shows how white text looks on a background with the Hex color F0B5B8.

# 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](#).

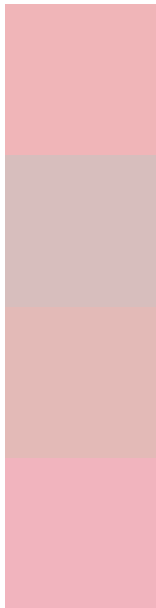
## Dichromacy





**Tritanopia**  
F1B4C1

# Trichromacy



**Original Color**  
F0B5B8

**Protanomaly**  
D7BEBD

**Deuteranomaly**  
E3BAB7

**Tritanomaly**  
F1B4BE

# Monochromacy



**Original Color**  
F0B5B8

**Achromatopsia**  
C7C7C7

**Achromatomaly**  
D6C0C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0B5B8 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 #F0B5B8 looks like.

```
.text, #text, p{  
    color:#F0B5B8  
}
```

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 #F0B5B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0B5B8  
}
```

## Border

The CSS property to change the border of an element to Hex F0B5B8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

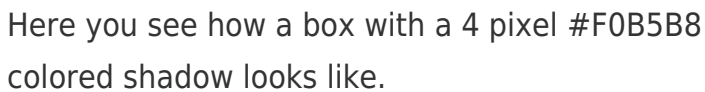
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#F0B5B8 }
```

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

```
.border{ border-color:#F0B5B8 }
```

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



Here you see how a box with a 4 pixel #F0B5B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0B5B8; -webkit-box-shadow:4px 4px  
4px 4px #F0B5B8; box-shadow:4px 4px 4px  
4px #F0B5B8 }
```

# Background

The CSS property to change the background color of an element to Hex F0B5B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0B5B8 }
```

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

```
.background{ background-color:#F0B5B8 }
```

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