

# Converting Colors

Hex(F0B6A8)

Have a look what the booklet for  
Hex(F0B6A8) contains.

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# **Color**

**Hex(F0B6A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0B6A8
RGB	240, 182, 168
RGB Percent	94%, 71%, 66%
CMY	0.0588, 0.2863, 0.3412
CMYK	0.00, 0.24, 0.30, 0.06
HSL	12°, 71%, 80%
HSV	12°, 30%, 94%
XYZ	59.7310, 54.8083, 44.4767
YIQ	197.7460, 39.0620, 7.9420

# Conversions

## Conversions Part 2

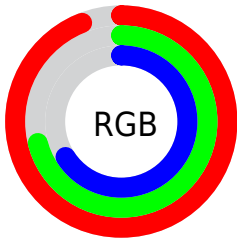
Format	Color
R <sub>Y</sub> B	240, 185, 168
Decimal	15775400
CIE Lab	78.93, 19.09, 15.28
CIE LCh	79, 24.452, 38.668
Yxy	54.8083, 0.3756, 0.3447
Android (android.graphics.Color)	4293965480 (0xFFFF0B6A8)
YUV	197.7460, -14.6648, 37.0568
Hunter-Lab	74.0326, 14.4602, 16.2031

# Details

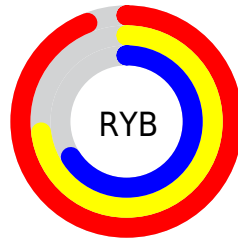
The Hex color **F0B6A8** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **A8E2F0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFEEDF**, and **B78174** is the 20% darker color. If you saturate the color by 10%, you get **F0A390**, and if you desaturate by 10%, it is **F0C9C0**.

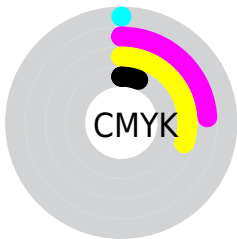
# Distribution



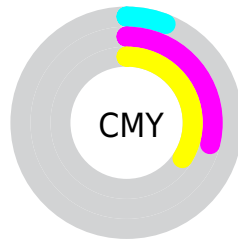
- Red (94%)
- Green (71%)
- Blue (66%)



- Red (94%)
- Yellow (73%)
- Blue (66%)



- Cyan (0%)
- Magenta (24%)
- Yellow (30%)
- Black (6%)



- Cyan (6%)
- Magenta (29%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0B6A8 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 F0B6A8 by changing the saturation by 10% instead.



 F0B6A8

 F0B6A8

FFFFFF

 D39B8E

 FFEEDF

 B78174

 FFFFDC

 9B685B

 804F44

 66382E

 4C2219

 340C00

 1C0001

 000000

 F0B6A8

 F0B6A8

 F0A390

 F0C9C0

 F08F78

 F0DDD8

 F07C60

 F0F0F0

 F06948

 F0FFFF

 F05530

 F04218

 F02F00

# Harmonies

## Analogous

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



F2B3BD



F0B6A8



E3BC9A

# Triad

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



F0B6A8



9BCFB2



B1C3F0

# Complementary

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



F0B6A8



A8E2F0

# 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.



94CAED



F0B6A8



88D0C9

# Square

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



F0B6A8



B4CB9F



84CFDF



D0BBE7

# Rectangle

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



F0B6A8



D6C296



84CFDF



A7C6F0

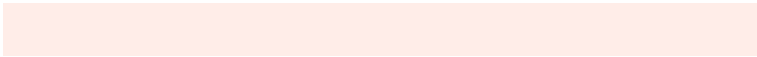


# Sweetspot

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



F0B6A8



FFEDE8



F0A8E3



807471



000000



808080



# Same Dimension

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



F0B6A8



FFB5A3



F0D9A8



786E6C



B82400



380B00

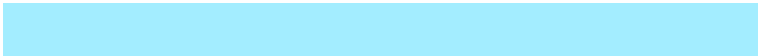


# Inverse Universe

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



A8E2F0



A3EDFF



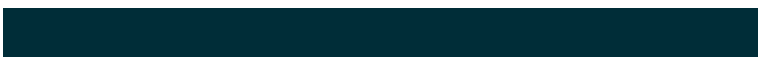
A8BFF0



6C7678



0094B8



002D38



# Previews

## White Background



This preview shows how the Hex color F0B6A8 looks on a white background.

## Color Contrast Check

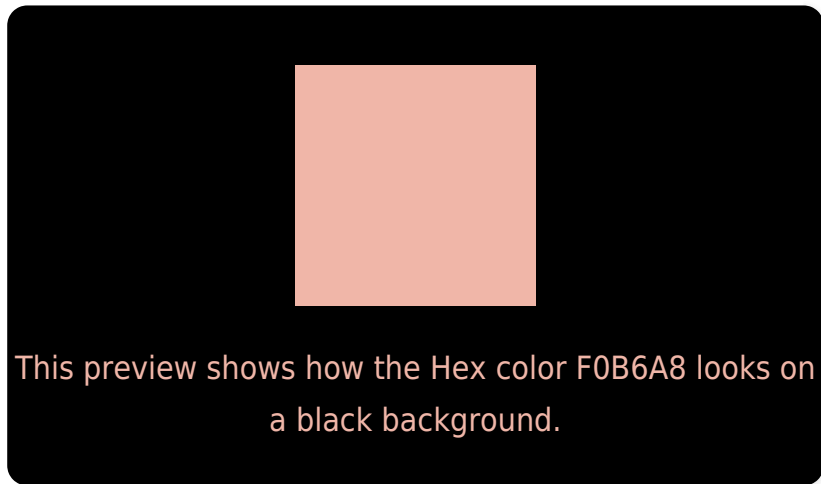
Large Text (above 18pt) WCAG AA × Fail

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

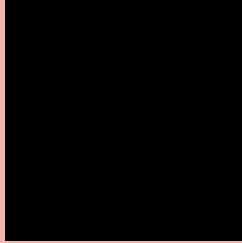
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F0B6A8 Background



This preview shows how black text looks on a background with the Hex color F0B6A8.

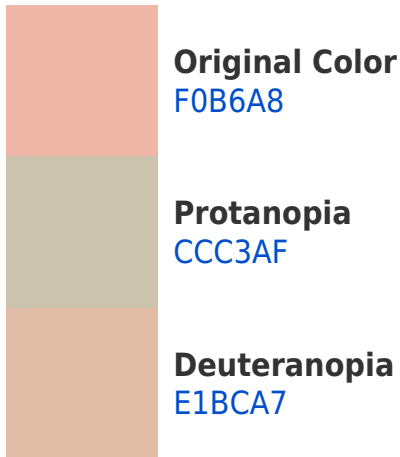


This preview shows how white text looks on a background with the Hex color F0B6A8.

# 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**  
F3B2C0

# Trichromacy



**Original Color**  
F0B6A8

**Protanomaly**  
D9BEAC

**Deuteranomaly**  
E6BAA7

**Tritanomaly**  
F2B3B7

# Monochromacy



**Original Color**  
F0B6A8

**Achromatopsia**  
C6C6C6

**Achromatomaly**  
D5C0BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0B6A8 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 #F0B6A8 looks like.

```
.text, #text, p{  
    color:#F0B6A8  
}
```

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 #F0B6A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0B6A8 }  
}
```

## Border

The CSS property to change the border of an element to Hex F0B6A8 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 #F0B6A8 }  
}
```

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

```
.border{ border-color:#F0B6A8 }
```

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

Here you see how a box with a 4 pixel #F0B6A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0B6A8; -webkit-box-shadow:4px 4px  
4px 4px #F0B6A8; box-shadow:4px 4px 4px  
4px #F0B6A8 }
```

# Background

The CSS property to change the background color of an element to Hex F0B6A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0B6A8 }
```

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

```
.background{ background-color:#F0B6A8 }
```

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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