

# Converting Colors

Hex(F0B085)

Have a look what the booklet for  
Hex(F0B085) contains.

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# **Color**

**Hex(F0B085)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0B085
RGB	240, 176, 133
RGB Percent	94%, 69%, 52%
CMY	0.0588, 0.3098, 0.4784
CMYK	0.00, 0.27, 0.45, 0.06
HSL	24°, 78%, 73%
HSV	24°, 45%, 94%
XYZ	55.6942, 51.2694, 29.1509
YIQ	190.2340, 51.9470, 0.1950

# Conversions

## Conversions Part 2

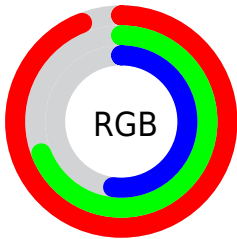
Format	Color
R <sub>Y</sub> B	240, 205, 133
Decimal	15773829
CIE Lab	76.84, 18.22, 31.17
CIE LCh	77, 36.105, 59.690
Yxy	51.2694, 0.4092, 0.3767
Android (android.graphics.Color)	4293963909 (0xFFFF0B085)
YUV	190.2340, -28.2164, 43.6448
Hunter-Lab	71.6026, 13.5367, 25.9837

# Details

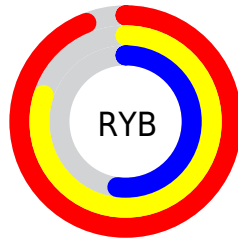
The Hex color **F0B085** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85C5F0**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFE8BB**, and **B67B53** is the 20% darker color. If you saturate the color by 10%, you get **F0A26D**, and if you desaturate by 10%, it is **F0BE9D**.

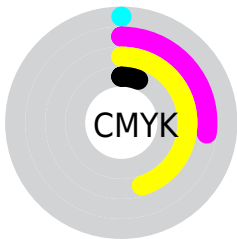
# Distribution



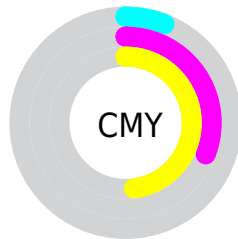
- Red (94%)
- Green (69%)
- Blue (52%)



- Red (94%)
- Yellow (80%)
- Blue (52%)



- Cyan (0%)
- Magenta (27%)
- Yellow (45%)
- Black (6%)



- Cyan (6%)
- Magenta (31%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0B085 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 F0B085 by changing the saturation by 10% instead.



 F0B085

 F0B085

FFFFFF

 D3956B

 FFE8BB

 B67B53

 FFFFD6

 99623B

 FFFFF3

 7D4A24

 62330E

 481D00

 2E0800

 0C0000

 000000

 F0B085

 F0B085

 F0A26D

 F0BE9D

 F09355

 F0CDB5

 F0853D

 F0DBCD

 F07725

 F0E9E5

 F0680D

 F0F8FD

 F06000

 F0FFFF

# Harmonies

## Analogous

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



FFA79E



F0B085



D5BB7B

# Triad

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



F0B085



63D0BC



C1B5F8

# Complementary

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



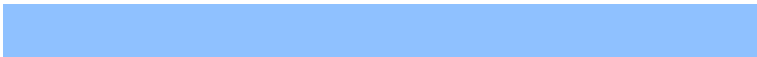
F0B085



85C5F0

# 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.



8FC1FF



F0B085



48CFDE

# Square

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



F0B085



8BCD9B



5DCAF6



E8AAE0

# Rectangle

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



F0B085



BEC37E



5DCAF6



B2B9FC

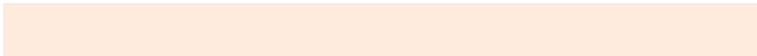


# Sweetspot

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



F0B085



FFEBDE



F085C5



80736B



000000



808080



# Same Dimension

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



F0B085



FFAD75



F0E585



78716C



B84A00



381700

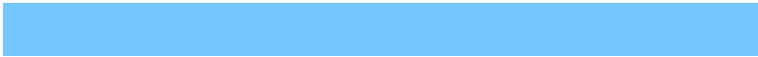


# Inverse Universe

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



85C5F0



75C8FF



8590F0



6C7378



006EB8



002238



# Previews

## White Background



This preview shows how the Hex color F0B085 looks on a white background.

## Color Contrast Check

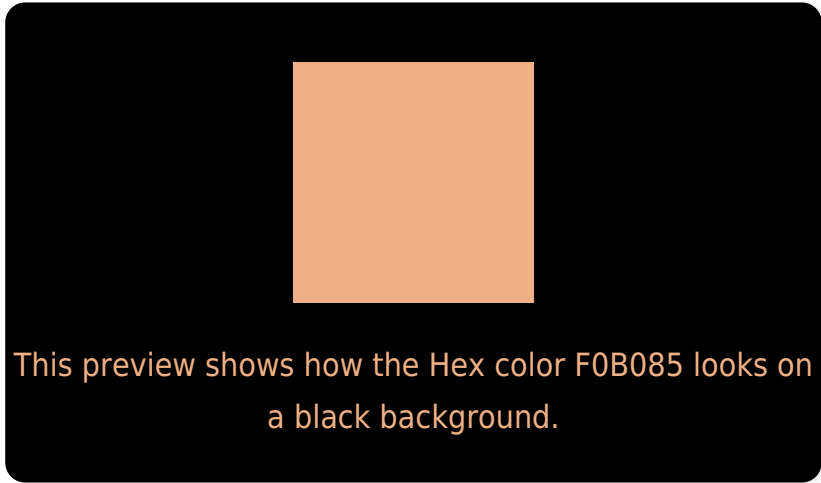
Large Text (above 18pt) WCAG AA × Fail

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

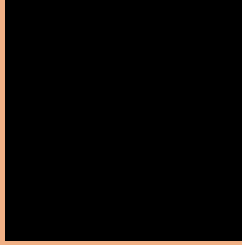
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F0B085 Background



This preview shows how black text looks on a background with the Hex color F0B085.

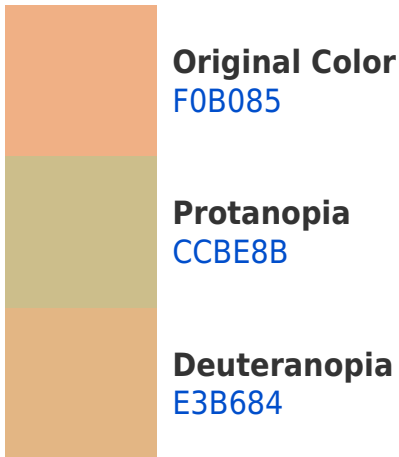


This preview shows how white text looks on a background with the Hex color F0B085.

# 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](#).

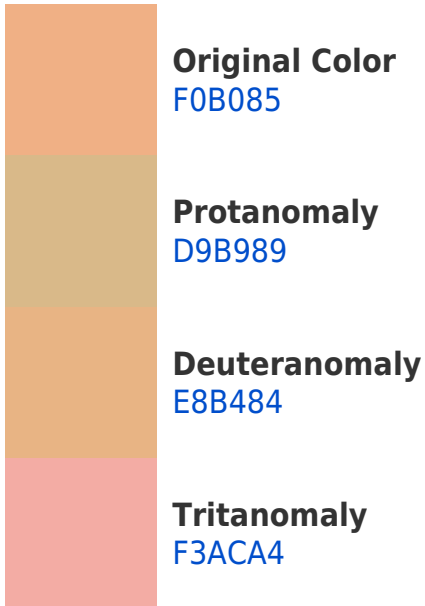
## Dichromacy





**Tritanopia**  
F4A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0B085 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 #F0B085 looks like.

```
.text, #text, p{  
    color:#F0B085  
}
```

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 #F0B085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0B085
}
```

## Border

The CSS property to change the border of an element to Hex F0B085 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
#F0B085 }
```

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

```
.border{ border-color:#F0B085 }
```

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

Here you see how a box with a 4 pixel #F0B085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0B085; -webkit-box-shadow:4px 4px  
4px 4px #F0B085; box-shadow:4px 4px 4px  
4px #F0B085 }
```

# Background

The CSS property to change the background color of an element to Hex F0B085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0B085 }
```

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

```
.background{ background-color:#F0B085 }
```

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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