

# Converting Colors

Hex(F78C85)

Have a look what the booklet for  
Hex(F78C85) contains.

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# **Color**

**Hex(F78C85)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F78C85
RGB	247, 140, 133
RGB Percent	97%, 55%, 52%
CMY	0.0314, 0.4510, 0.4784
CMYK	0.00, 0.43, 0.46, 0.03
HSL	4°, 88%, 75%
HSV	4°, 46%, 97%
XYZ	51.9695, 40.2238, 27.2152
YIQ	171.1950, 66.0190, 20.5070

# Conversions

## Conversions Part 2

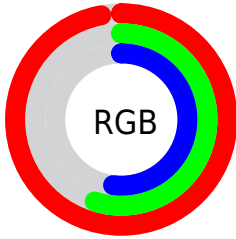
Format	Color
R <sub>Y</sub> B	247, 140, 133
Decimal	16223365
CIE Lab	69.63, 39.77, 21.65
CIE LCh	70, 45.282, 28.565
Yxy	40.2238, 0.4352, 0.3369
Android (android.graphics.Color)	4294413445 (0xFFFF78C85)
YUV	171.1950, -18.8301, 66.4810
Hunter-Lab	63.4222, 35.2778, 18.9536

# Details

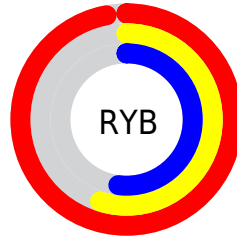
The Hex color **F78C85** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85F0F7**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFC3BA**, and **BB5853** is the 20% darker color. If you saturate the color by 10%, you get **F7756C**, and if you desaturate by 10%, it is **F7A39E**.

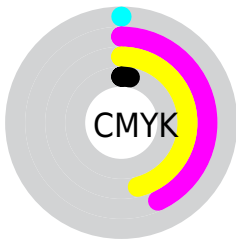
# Distribution



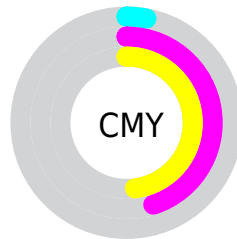
- Red (97%)
- Green (55%)
- Blue (52%)



- Red (97%)
- Yellow (55%)
- Blue (52%)



- Cyan (0%)
- Magenta (43%)
- Yellow (46%)
- Black (3%)



- Cyan (3%)
- Magenta (45%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F78C85 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 F78C85 by changing the saturation by 10% instead.



 F78C85

 F78C85

FFFFFF

 D9716C

 FFC3BA

 BB5853

 FFDFD6

 9E3E3C

 FFFCF2

 812427

 650512

 490000

 310002

 000000

 F78C85

 F78C85

 F7756C

 F7A39E

 F75E54

 F7BAB6

 F7463B

 F7D2CF

 F72F22

 F7E9E8

 F71809

 F7FFFF

 F70F00

# Harmonies

## Analogous

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



F589AE



F78C85



E59865

# Triad

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



F78C85



69BB7E



62AFFC

# Complementary

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



F78C85



85F0F7

# 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.



00B9EF



F78C85



10BFA7

# Square

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



F78C85



9BB360



00BFD0



ABA0F2

# Rectangle

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



F78C85



D1A259



00BFD0



40B3FA



# Sweetspot

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



F78C85



FFDDDB



F785F1



806B6A



000000



808080



# Same Dimension

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



F78C85



FF7B73



F7C485



7A6F6E



BA0B00



3B0400



# Inverse Universe

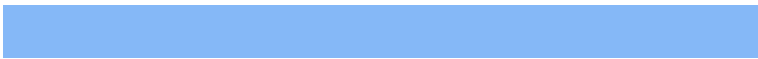
The Inverse Universe completely reimagines the original color for something new.



85F0F7



73F6FF



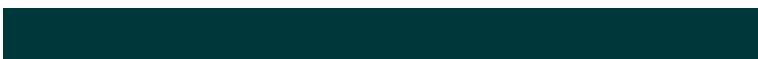
85B8F7



6E7A7A



00AFBA



00373B



# Previews

## White Background



This preview shows how the Hex color F78C85 looks on a white background.

## Color Contrast Check

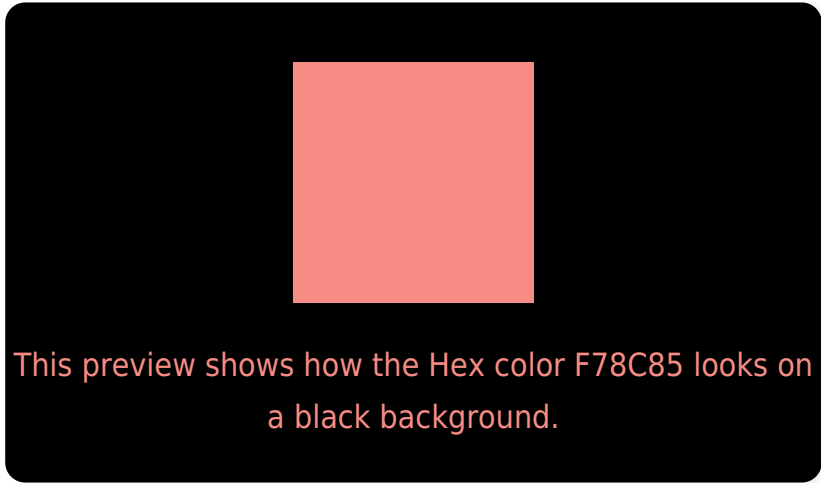
Large Text (above 18pt) WCAG AA × Fail

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 F78C85 Background



This preview shows how black text looks on a background with the Hex color F78C85.

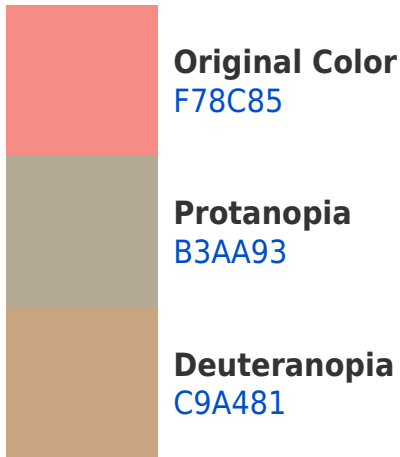


This preview shows how white text looks on a background with the Hex color F78C85.

# 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**  
F88A94

# Trichromacy



**Original Color**  
F78C85



**Protanomaly**  
CC9F8E



**Deuteranomaly**  
DA9B82



**Tritanomaly**  
F88B8F

# Monochromacy



**Original Color**  
F78C85



**Achromatopsia**  
ABABAB



**Achromatomaly**  
C7A09D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F78C85 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 #F78C85 looks like.

```
.text, #text, p{  
    color:#F78C85  
}
```

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 #F78C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F78C85
}
```

## Border

The CSS property to change the border of an element to Hex F78C85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

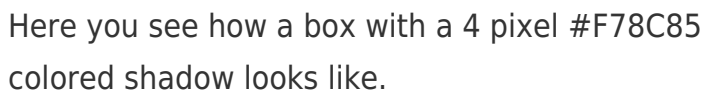
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F78C85 }
```

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

```
.border{ border-color:#F78C85 }
```

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



Here you see how a box with a 4 pixel `#F78C85` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F78C85; -webkit-box-shadow:4px 4px  
4px 4px #F78C85; box-shadow:4px 4px 4px  
4px #F78C85 }
```

# Background

The CSS property to change the background color of an element to Hex F78C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F78C85 }
```

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

```
.background{ background-color:#F78C85 }
```

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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