

# Converting Colors

Hex(F78D96)

Have a look what the booklet for  
Hex(F78D96) contains.

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**Color**

**Hex(F78D96)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F78D96
RGB	247, 141, 150
RGB Percent	97%, 55%, 59%
CMY	0.0314, 0.4471, 0.4118
CMYK	0.00, 0.43, 0.39, 0.03
HSL	355°, 87%, 76%
HSV	355°, 43%, 97%
XYZ	53.3877, 41.0259, 33.9591
YIQ	173.7200, 60.2870, 25.2710

# Conversions

## Conversions Part 2

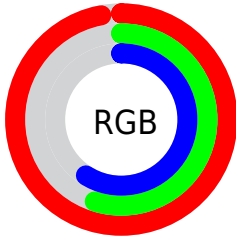
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 141, 150
Decimal	16223638
CIE <sub>Lab</sub>	70.19, 41.02, 12.98
CIE <sub>LCh</sub>	70, 43.023, 17.558
Yxy	41.0259, 0.4159, 0.3196
Android (android.graphics.Color)	4294413718 (0xFFFF78D96)
YUV	173.7200, -11.6940, 64.2666
Hunter-Lab	64.0515, 36.6918, 13.4014

# Details

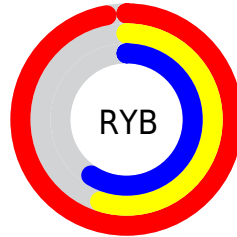
The Hex color **F78D96** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **8DF7EE**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFC4CC**, and **BC5863** is the 20% darker color. If you saturate the color by 10%, you get **F7747F**, and if you desaturate by 10%, it is **F7A6AD**.

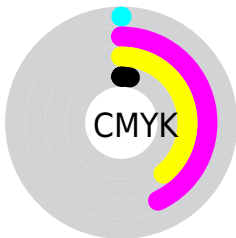
# Distribution



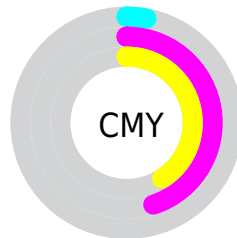
- Red (97%)
- Green (55%)
- Blue (59%)



- Red (97%)
- Yellow (55%)
- Blue (59%)



- Cyan (0%)
- Magenta (43%)
- Yellow (39%)
- Black (3%)



- Cyan (3%)
- Magenta (45%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F78D96 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 F78D96 by changing the saturation by 10% instead.



 F78D96

 F78D96

FFFFFF

 D9727C

 FFC4CC

 BC5863

 FFE1E8

 9F3F4C

FFFEFF

 822535

 660420

 4B0009

 330002

 000000

 F78D96

 F78D96

 F7747F

 F7A6AD

 F75C69

 F7BEC3

 F74352

 F7D7DA

 F72A3C

 F7F0F0

 F71225

 F7FFFF

 F70015

# Harmonies

## Analogous

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



ED8EBE



F78D96



ED9674

# Triad

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



F78D96



81BA75



4BB4F7

# Complementary

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



F78D96



8DF7EE

# 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.



00BDE4



F78D96



49BF99

# Square

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



F78D96



AEB15F



00C0C2



97A8F6

# Rectangle

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



F78D96



DD9F64



00C0C2



26B8F3



# Sweetspot

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



F78D96



FFDEE1



EC8DF7



806B6D



000000



808080



# Same Dimension

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



F78D96



FF7D88



F7B78D



7A6E6F



BA0010



3B0005



# Inverse Universe

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



F78D96



FF7D88



8DCDF7



7A6E6F



BA0010



3B0005



# Previews

## White Background



This preview shows how the Hex color F78D96 looks on a white background.

## Color Contrast Check

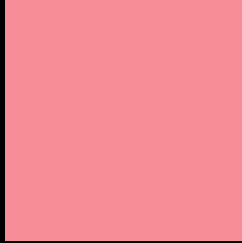
Large Text (above 18pt) WCAG AA × Fail

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 F78D96 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 F78D96 Background



This preview shows how black text looks on a background with the Hex color F78D96.

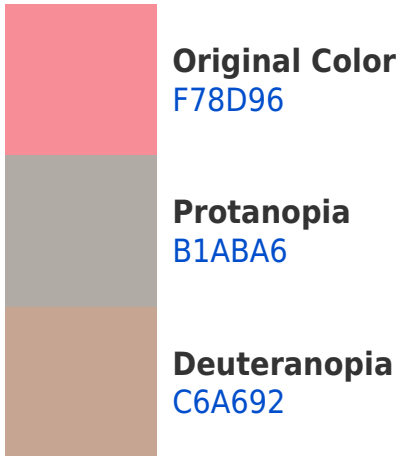


This preview shows how white text looks on a background with the Hex color F78D96.

# 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**  
F78D97

# Trichromacy



**Original Color**  
F78D96



**Protanomaly**  
CAA0A0



**Deuteranomaly**  
D89D93



**Tritanomaly**  
F78D97

# Monochromacy



**Original Color**  
F78D96



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
C9A2A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F78D96 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 #F78D96 looks like.

```
.text, #text, p{  
    color:#F78D96  
}
```

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 #F78D96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F78D96
}
```

## Border

The CSS property to change the border of an element to Hex F78D96 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
#F78D96 }
```

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

```
.border{ border-color:#F78D96 }
```

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

Here you see how a box with a 4 pixel #F78D96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F78D96; -webkit-box-shadow:4px 4px  
4px 4px #F78D96; box-shadow:4px 4px 4px  
4px #F78D96 }
```

# Background

The CSS property to change the background color of an element to Hex F78D96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F78D96 }
```

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

```
.background{ background-color:#F78D96 }
```

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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