

# Converting Colors

Hex(E98D86)

Have a look what the booklet for  
Hex(E98D86) contains.

|  |    |
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# **Color**

**Hex(E98D86)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | E98D86                     |
| RGB           | 233, 141, 134              |
| RGB Percent   | 91%, 55%, 53%              |
| CMY           | 0.0863, 0.4471, 0.4745     |
| CMYK          | 0.00, 0.39, 0.42, 0.09     |
| HSL           | 4°, 69%, 72%               |
| HSV           | 4°, 42%, 91%               |
| XYZ           | 47.4322, 38.0946, 27.4073  |
| YIQ           | 167.7100, 57.0790, 17.3270 |

# Conversions

## Conversions Part 2

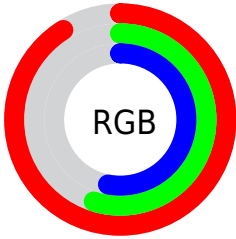
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| RYB                                 | 233, 142, 134                  |
| Decimal                             | 15306118                       |
| CIELab                              | 68.09, 34.14, 18.70            |
| CIElCh                              | 68, 38.926, 28.718             |
| Yxy                                 | 38.0946, 0.4200,<br>0.3373     |
| Android<br>(android.graphics.Color) | 4293496198<br>(0xFFE98D86)     |
| YUV                                 | 167.7100, -16.6190,<br>57.2593 |
| Hunter-Lab                          | 61.7208, 29.1651,<br>16.8767   |

# Details

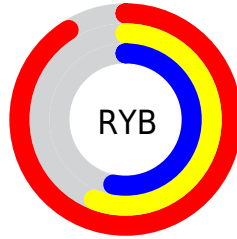
The Hex color **E98D86** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86E2E9**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFC4BB**, and **AE5954** is the 20% darker color. If you saturate the color by 10%, you get **E9776F**, and if you desaturate by 10%, it is **E9A39D**.

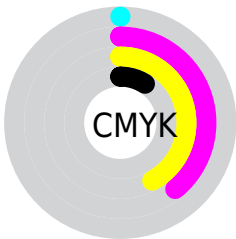
# Distribution



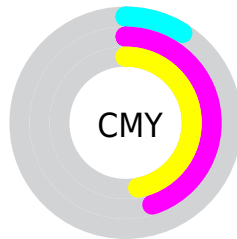
- Red (91%)
- Green (55%)
- Blue (53%)



- Red (91%)
- Yellow (56%)
- Blue (53%)



- Cyan (0%)
- Magenta (39%)
- Yellow (42%)
- Black (9%)



- Cyan (9%)
- Magenta (45%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E98D86 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 E98D86 by changing the saturation by 10% instead.



 E98D86

 E98D86

FFFFFF

 CB736D

 FFC4BB

 AE5954

 FFE0D7

 92403D

 FFFDF3

 762827

 5A0E13

 400000

 270001

 000000

 E98D86

 E98D86

 E9776F

 E9A39D

 E96257

 E9B8B5

 E94C40

 E9CECC

 E93629

 E9E4E3

 E92111

 E9F9FB

 E91000

 E9FFFF

# Harmonies

## Analogous

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



E78AA9



E98D86



DA976B

# Triad

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



E98D86



70B580



6EAAEC

# Complementary

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



E98D86



86E2E9

# 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.



24B3E1



E98D86



3CB8A3

# Square

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



E98D86



9AAE67



00B8C7



A79DE4

# Rectangle

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



E98D86



C89F61



00B8C7



58ADEA

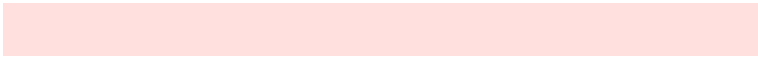


# Sweetspot

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



E98D86



FFE0DE



E986E2



806D6B



000000



808080



# Same Dimension

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



E98D86



FF867D



E9BE86



756A6A



B50D00



360400



# Inverse Universe

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



86E2E9



7DF6FF



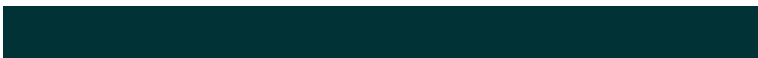
86B1E9



6A7475



00A8B5



003236



# Previews

## White Background



This preview shows how the Hex color E98D86 looks on a white background.

## Color Contrast Check

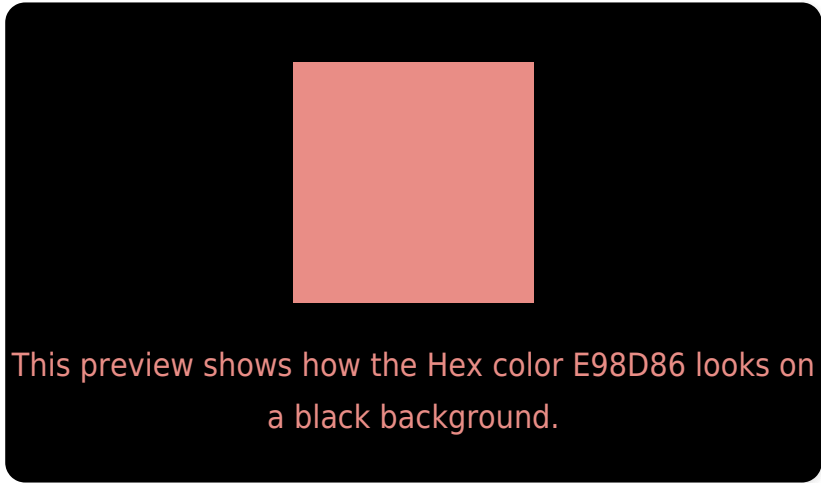
Large Text (above 18pt) WCAG AA × Fail

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 E98D86 Background



This preview shows how black text looks on a background with the Hex color E98D86.

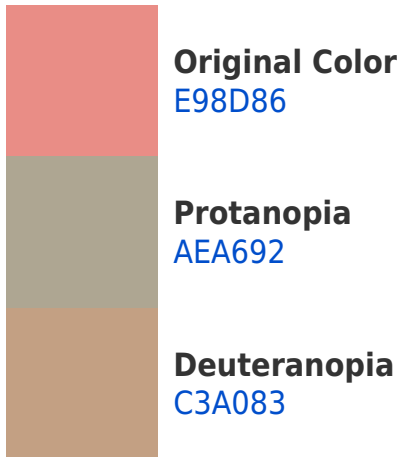


This preview shows how white text looks on a background with the Hex color E98D86.

# 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**  
EA8B95

# Trichromacy



**Original Color**  
E98D86

**Protanomaly**  
C39D8E

**Deuteranomaly**  
D19984

**Tritanomaly**  
EA8C90

# Monochromacy



**Original Color**  
E98D86

**Achromatopsia**  
A8A8A8

**Achromatomaly**  
C09E9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E98D86 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 #E98D86 looks like.

```
.text, #text, p{  
    color:#E98D86  
}
```

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 #E98D86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E98D86
}
```

## Border

The CSS property to change the border of an element to Hex E98D86 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
#E98D86 }
```

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

```
.border{ border-color:#E98D86 }
```

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

Here you see how a box with a 4 pixel #E98D86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E98D86; -webkit-box-shadow:4px 4px  
4px 4px #E98D86; box-shadow:4px 4px 4px  
4px #E98D86 }
```

# Background

The CSS property to change the background color of an element to Hex E98D86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E98D86 }
```

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

```
.background{ background-color:#E98D86 }
```

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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