

# Converting Colors

Hex(E48181)

Have a look what the booklet for  
Hex(E48181) contains.

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# **Color**

**Hex(E48181)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E48181
RGB	228, 129, 129
RGB Percent	89%, 51%, 51%
CMY	0.1059, 0.4941, 0.4941
CMYK	0.00, 0.43, 0.43, 0.11
HSL	0°, 65%, 70%
HSV	0°, 43%, 89%
XYZ	43.8076, 33.7795, 24.9801
YIQ	158.6010, 59.0040, 20.9880

# Conversions

## Conversions Part 2

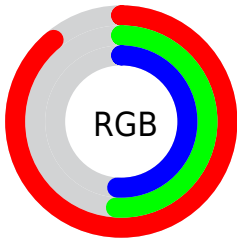
Format	Color
R <sub>Y</sub> B	228, 129, 129
Decimal	14975361
CIE Lab	64.79, 38.00, 16.85
CIE LCh	65, 41.573, 23.914
Yxy	33.7795, 0.4271, 0.3293
Android (android.graphics.Color)	4293165441 (0xFFE48181)
YUV	158.6010, -14.5933, 60.8629
Hunter-Lab	58.1201, 32.8329, 15.2012

# Details

The Hex color **E48181** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81E4E4**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB7B6**, and **A94D50** is the 20% darker color. If you saturate the color by 10%, you get **E46A6A**, and if you desaturate by 10%, it is **E49898**.

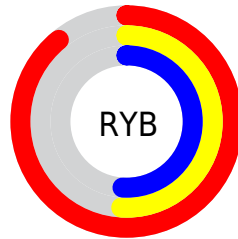
# Distribution



Red (89%)

Green (51%)

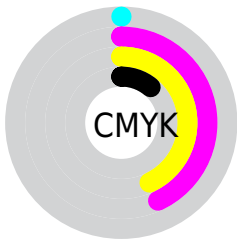
Blue (51%)



Red (89%)

Yellow (51%)

Blue (51%)

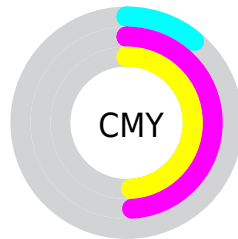


Cyan (0%)

Magenta (43%)

Yellow (43%)

Black (11%)



Cyan (11%)

Magenta (49%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E48181 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 E48181 by changing the saturation by 10% instead.



 E48181

 E48181

FFFFFF

 C66768


 FFB7B6

 A94D50

 FFD3D1

 8D3439

 FFF0EE

 711A24

 55000F

 3B0000

 1D0001

 000000

 E48181

 E48181

 E46A6A

 E49898

 E45353

 E4AFAF

 E43D3D

 E4C5C5

 E42626

 E4DCDC

 E40F0F

 E4F3F3

 E40000

 E4FFFF

# Harmonies

## Analogous

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



DF80A6



E48181



D78B62

# Triad

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



E48181



6AAC70



51A3E7

# Complementary

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



E48181



81E4E4

# 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.



00ACD8



E48181



2DB094

# Square

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



E48181



96A457



00B0BA



9596E1

# Rectangle

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



E48181



C59455



00B0BA



31A7E4



# Sweetspot

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



E48181



FFDEDE



E481E4



806B6B



000000



808080



# Same Dimension

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



E48181



FF7A7A



E4B381



736767



B30000



330000



# Inverse Universe

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



81E4E4



7AFFFF



81B3E4



677373



00B3B3



003333



# Previews

## White Background



This preview shows how the Hex color E48181 looks on a white background.

## Color Contrast Check

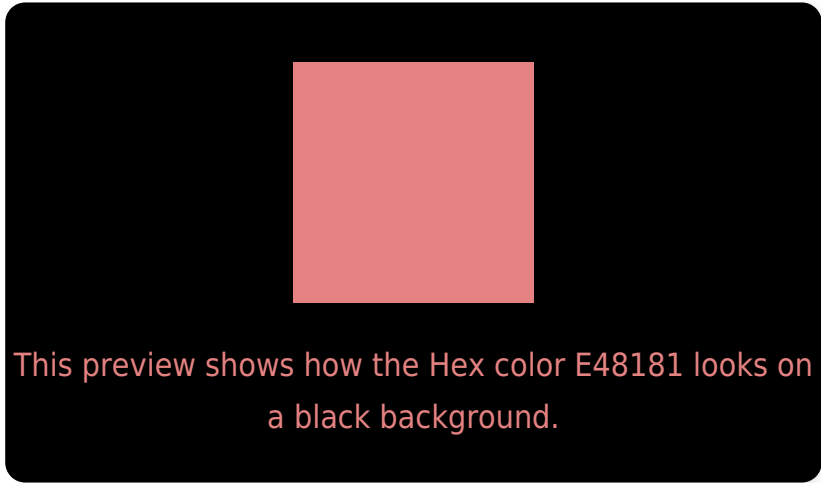
Large Text (above 18pt) WCAG AA × Fail

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 E48181 Background



This preview shows how black text looks on a background with the Hex color E48181.

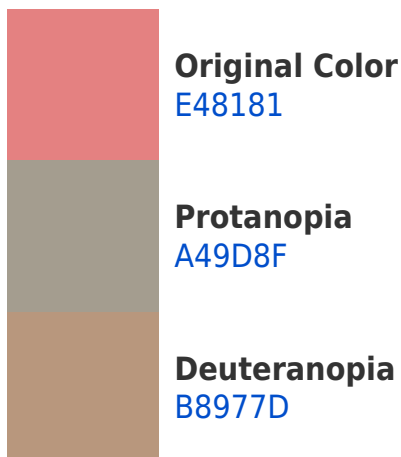


This preview shows how white text looks on a background with the Hex color E48181.

# 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**  
E58089

# Trichromacy



**Original Color**  
E48181

**Protanomaly**  
BB938A

**Deuteranomaly**  
C88F7E

**Tritanomaly**  
E58086

# Monochromacy



**Original Color**  
E48181

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
B89494

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E48181 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 #E48181 looks like.

```
.text, #text, p{  
    color:#E48181  
}
```

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 #E48181 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E48181
}
```

## Border

The CSS property to change the border of an element to Hex E48181 is called "border". The border property can be set on classes, ids or directly on the HTML element.

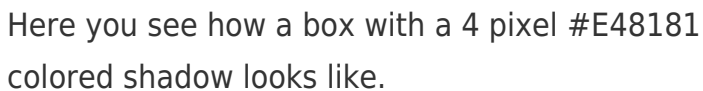
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E48181 }
```

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

```
.border{ border-color:#E48181 }
```

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



Here you see how a box with a 4 pixel #E48181 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E48181; -webkit-box-shadow:4px 4px  
4px 4px #E48181; box-shadow:4px 4px 4px  
4px #E48181 }
```

# Background

The CSS property to change the background color of an element to Hex E48181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E48181 }
```

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

```
.background{ background-color:#E48181 }
```

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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