

# Converting Colors

Hex(EB8F75)

Have a look what the booklet for  
Hex(EB8F75) contains.

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# **Color**

**Hex(EB8F75)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB8F75
RGB	235, 143, 117
RGB Percent	92%, 56%, 46%
CMY	0.0784, 0.4392, 0.5412
CMYK	0.00, 0.39, 0.50, 0.08
HSL	13°, 75%, 69%
HSV	13°, 50%, 92%
XYZ	47.2943, 38.5914, 21.7858
YIQ	167.5440, 63.1780, 11.4180

# Conversions

## Conversions Part 2

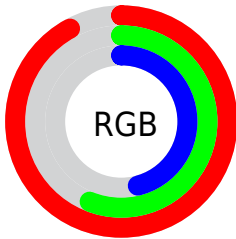
Format	Color
R <sub>Y</sub> B	235, 150, 117
Decimal	15437685
CIE Lab	68.45, 32.18, 28.63
CIE LCh	68, 43.078, 41.659
Yxy	38.5914, 0.4392, 0.3584
Android (android.graphics.Color)	4293627765 (0xFFEB8F75)
YUV	167.5440, -24.9182, 59.1589
Hunter-Lab	62.1220, 27.1809, 22.6927

# Details

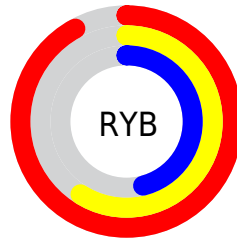
The Hex color **EB8F75** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75D1EB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFC6A9**, and **B05B44** is the 20% darker color. If you saturate the color by 10%, you get **EB7D5E**, and if you desaturate by 10%, it is **EBA18D**.

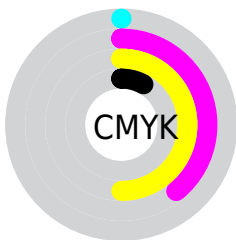
# Distribution



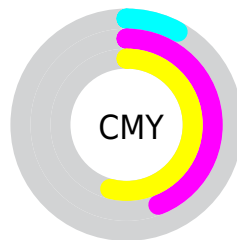
- Red (92%)
- Green (56%)
- Blue (46%)



- Red (92%)
- Yellow (59%)
- Blue (46%)



- Cyan (0%)
- Magenta (39%)
- Yellow (50%)
- Black (8%)



- Cyan (8%)
- Magenta (44%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB8F75 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 EB8F75 by changing the saturation by 10% instead.



 EB8F75

 EB8F75

FFFFFF

 CD755C

 FFC6A9

 B05B44

 FFE2C5

 93432E

 FFFFE1

 762A18

FFFFFFD

 5B1100

 3F0000

 270001

 000000

 EB8F75

 EB8F75

 EB7D5E

 EBA18D

 EB6A46

 EBB4A4

 EB582F

 EBC6BB

 EB4617

 EBD8D3

 EB3400

 EBEBEB

 EBFDFD

 EBFFFF

# Harmonies

## Analogous

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



F28899



EB8F75



D49C5D

# Triad

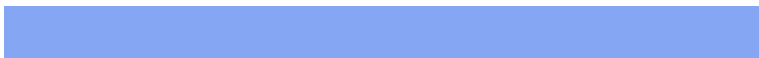
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



EB8F75



51BA8D



85A6F3

# Complementary

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



EB8F75



75D1EB

# 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.



2EB2F0



EB8F75



00BBB5

# Square

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



EB8F75



86B46B



00B9DA



BE97E1

# Rectangle

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



EB8F75



BDA558



00B9DA



6DAAF4

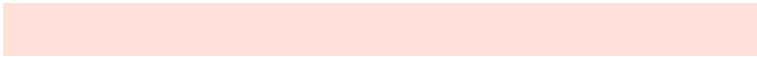


# Sweetspot

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



EB8F75



FFE1D9



EB75D1



806E69



000000



808080



# Same Dimension

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



EB8F75



FF8866



EBCA75



756C6A



B52800



360C00



# Inverse Universe

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



75D1EB



66DDFF



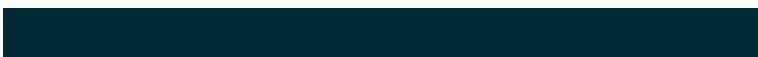
7596EB



6A7375



008DB5



002A36



# Previews

## White Background



This preview shows how the Hex color EB8F75 looks on a white background.

## Color Contrast Check

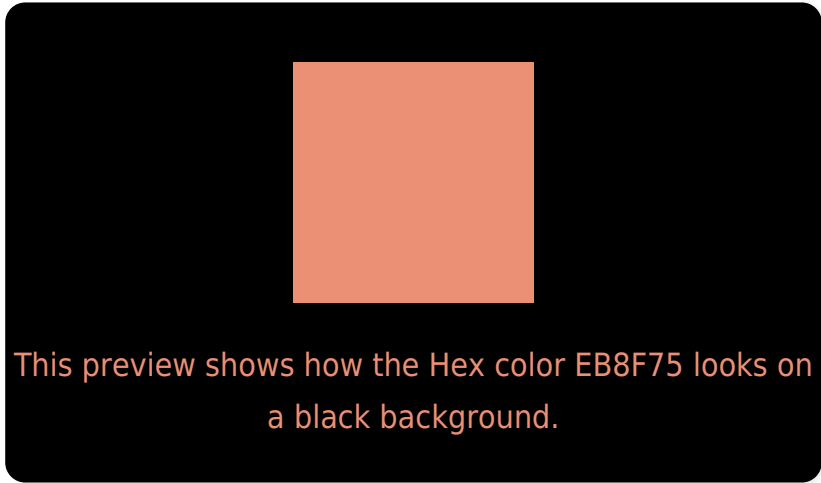
Large Text (above 18pt) WCAG AA × Fail

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

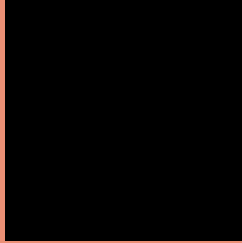
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EB8F75 Background



This preview shows how black text looks on a background with the Hex color EB8F75.

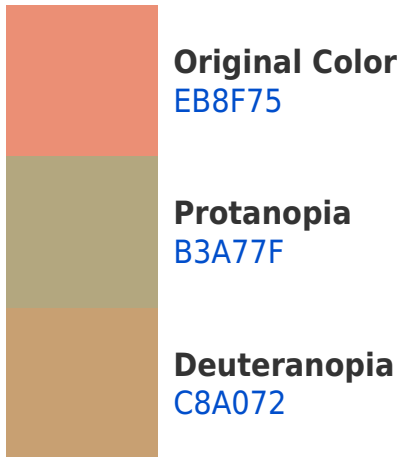


This preview shows how white text looks on a background with the Hex color EB8F75.

# 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



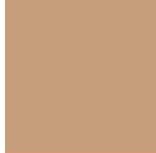


**Tritanopia**  
ED8B95

# Trichromacy



**Original Color**  
EB8F75



**Protanomaly**  
C79E7B



**Deuteranomaly**  
D59A73

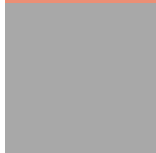


**Tritanomaly**  
EC8C89

# Monochromacy



**Original Color**  
EB8F75



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
C09F95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB8F75 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 #EB8F75 looks like.

```
.text, #text, p{  
    color:#EB8F75  
}
```

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 #EB8F75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB8F75
}
```

## Border

The CSS property to change the border of an element to Hex EB8F75 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
#EB8F75 }
```

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

```
.border{ border-color:#EB8F75 }
```

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

Here you see how a box with a 4 pixel #EB8F75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB8F75; -webkit-box-shadow:4px 4px  
4px 4px #EB8F75; box-shadow:4px 4px 4px  
4px #EB8F75 }
```

# Background

The CSS property to change the background color of an element to Hex EB8F75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB8F75 }
```

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

```
.background{ background-color:#EB8F75 }
```

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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