

# Converting Colors

Hex(EC8E73)

Have a look what the booklet for  
Hex(8E73) contains.

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# **Color**

**Hex(EC8E73)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | EC8E73                     |
| RGB         | 236, 142, 115              |
| RGB Percent | 93%, 56%, 45%              |
| CMY         | 0.0745, 0.4431, 0.5490     |
| CMYK        | 0.00, 0.40, 0.51, 0.07     |
| HSL         | 13°, 76%, 69%              |
| HSV         | 13°, 51%, 93%              |
| XYZ         | 47.3596, 38.4167, 21.1387  |
| YIQ         | 167.0280, 64.6910, 11.5310 |

# Conversions

## Conversions Part 2

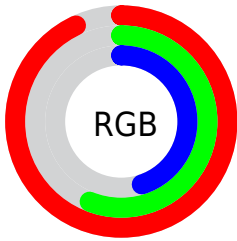
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 236, 150, 115                  |
| Decimal                             | 15502963                       |
| CIE Lab                             | 68.33, 32.92, 29.58            |
| CIE LCh                             | 68, 44.257, 41.947             |
| Yxy                                 | 38.4167, 0.4430,<br>0.3593     |
| Android<br>(android.graphics.Color) | 4293693043<br>(0xFFEC8E73)     |
| YUV                                 | 167.0280, -25.6498,<br>60.4884 |
| Hunter-Lab                          | 61.9812, 27.9241,<br>23.1660   |

# Details

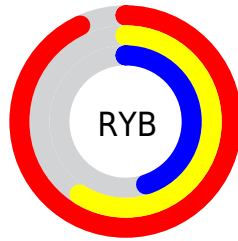
The Hex color **EC8E73** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **73D1EC**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFC5A7**, and **B05A42** is the 20% darker color. If you saturate the color by 10%, you get **EC7C5B**, and if you desaturate by 10%, it is **ECA08B**.

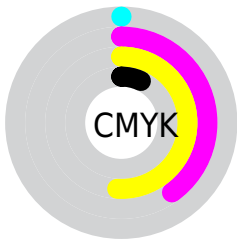
# Distribution



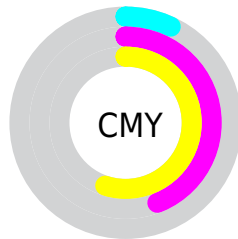
- Red (93%)
- Green (56%)
- Blue (45%)



- Red (93%)
- Yellow (59%)
- Blue (45%)



- Cyan (0%)
- Magenta (40%)
- Yellow (51%)
- Black (7%)



- Cyan (7%)
- Magenta (44%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC8E73 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 EC8E73 by changing the saturation by 10% instead.



 EC8E73

 EC8E73

FFFFFF

 CE745A

 FFC5A7

 B05A42

 FFE1C3

 93422C

 FFFEDF

 772916

 FFFFFB

 5B1000

 3F0000

 270001

 000000

 EC8E73

 EC8E73

 EC7C5B

 ECA08B

 EC6944

 ECB3A2

 EC572C

 ECC5BA

 EC4515

 ECD7D1

 EC3500

 ECEAE9

 ECFCFF

 ECFFFF

# Harmonies

## Analogous

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



F38698



EC8E73



D49C5A

# Triad

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



EC8E73



4CBA8C



83A5F5

# Complementary

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



EC8E73



73D1EC

# 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.



23B2F2



EC8E73



00BBB6

# Square

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



EC8E73



84B469



00B9DB



BF96E2

# Rectangle

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



EC8E73



BDA555



00B9DB



6AAAF6



# Sweetspot

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



EC8E73



FFE1D9



EC73D2



806E69



000000



808080



# Same Dimension

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



EC8E73



FF8461



ECCA73



756C6A



B52800



360C00

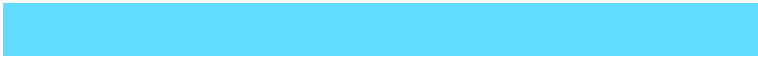


# Inverse Universe

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



73D1EC



61DCFF



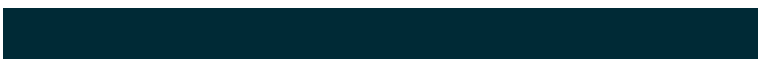
7395EC



6A7375



008DB5



002A36



# Previews

## White Background



This preview shows how the Hex color EC8E73 looks on a white background.

## Color Contrast Check

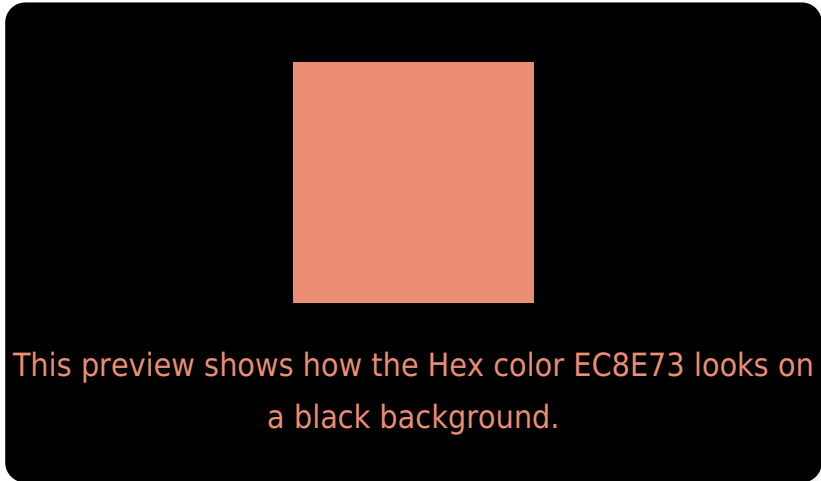
Large Text (above 18pt) WCAG AA × Fail

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 EC8E73 Background



This preview shows how black text looks on a background with the Hex color EC8E73.

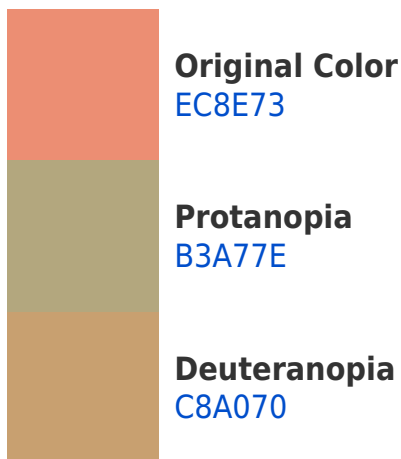


This preview shows how white text looks on a background with the Hex color EC8E73.

# 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](#).

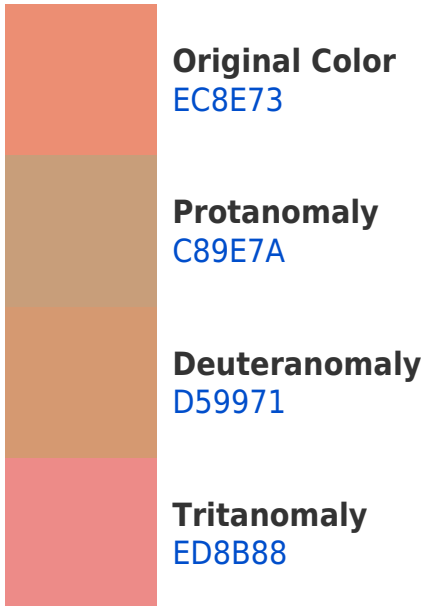
## Dichromacy



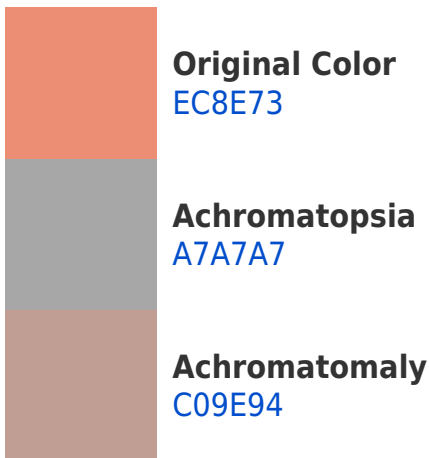


**Tritanopia**  
EE8994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC8E73 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 #EC8E73 looks like.

```
.text, #text, p{  
    color:#EC8E73  
}
```

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 #EC8E73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC8E73
}
```

## Border

The CSS property to change the border of an element to Hex EC8E73 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
#EC8E73 }
```

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

```
.border{ border-color:#EC8E73 }
```

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

Here you see how a box with a 4 pixel #EC8E73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC8E73; -webkit-box-shadow:4px 4px  
4px 4px #EC8E73; box-shadow:4px 4px 4px  
4px #EC8E73 }
```

# Background

The CSS property to change the background color of an element to Hex EC8E73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC8E73 }
```

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

```
.background{ background-color:#EC8E73 }
```

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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