

# Converting Colors

Hex(E78B5F)

Have a look what the booklet for  
Hex(E78B5F) contains.

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# **Color**

**Hex(E78B5F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E78B5F
RGB	231, 139, 95
RGB Percent	91%, 55%, 37%
CMY	0.0941, 0.4549, 0.6275
CMYK	0.00, 0.40, 0.59, 0.09
HSL	19°, 74%, 64%
HSV	19°, 59%, 91%
XYZ	44.2532, 36.2804, 15.4969
YIQ	161.4920, 68.9560, 5.8200

# Conversions

## Conversions Part 2

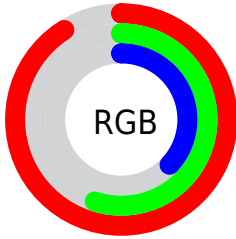
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 160, 95
Decimal	15174495
CIE Lab	66.73, 30.92, 38.22
CIE LCh	67, 49.163, 51.029
Yxy	36.2804, 0.4608, 0.3778
Android (android.graphics.Color)	4293364575 (0xFFE78B5F)
YUV	161.4920, -32.7806, 60.9585
Hunter-Lab	60.2332, 25.7354, 26.9090

# Details

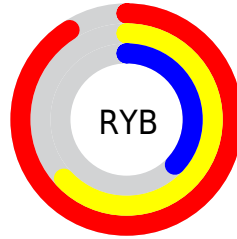
The Hex color **E78B5F** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5FBBE7**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFC192**, and **AB582F** is the 20% darker color. If you saturate the color by 10%, you get **E77B48**, and if you desaturate by 10%, it is **E79B76**.

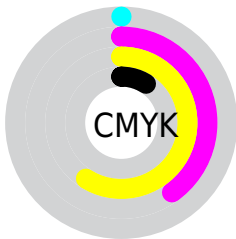
# Distribution



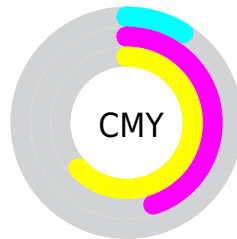
- Red (91%)
- Green (55%)
- Blue (37%)



- Red (91%)
- Yellow (63%)
- Blue (37%)



- Cyan (0%)
- Magenta (40%)
- Yellow (59%)
- Black (9%)



- Cyan (9%)
- Magenta (45%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E78B5F 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 E78B5F by changing the saturation by 10% instead.



 E78B5F

 E78B5F

FFFFFF

 C97147

 FFC192

 AB582F

 FFDDAD

 8E3F18

 FFFAC9

 712700

 FFFFEE

 550F00

 390000

 1E0001

 000000

 E78B5F

 E78B5F

 E77B48

 E79B76

 E76C31

 E7AA8D

 E75C1A

 E7BAA4

 E74C03

 E7CABB

 E74B00

 E7D9D3

 E7E9EA

 E7F8FF

 E7FFFF

# Harmonies

## Analogous

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



F57F85



E78B5F



C89B49

# Triad

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



E78B5F



00B893



909CF5

# Complementary

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



E78B5F



5FBBE7

# 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.



21ABF9



E78B5F



00B9C1

# Square

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



E78B5F



6AB369



00B5E6



CC8BDA

# Rectangle

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



E78B5F



ADA548



00B5E6



75A1F9



# Sweetspot

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



E78B5F



FFE0D1



E75FBC



806D63



000000



808080



# Same Dimension

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



E78B5F



FF854A



E7CE5F



736B67



B33A00



331000



# Inverse Universe

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



5FBBE7



4AC4FF



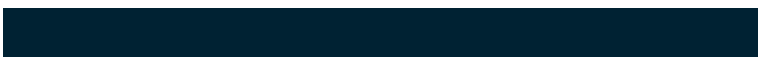
5F78E7



676F73



0079B3

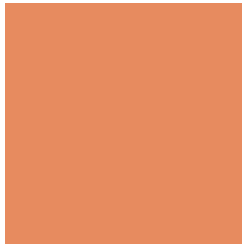


002233



# Previews

## White Background



This preview shows how the Hex color E78B5F looks on a white background.

## Color Contrast Check

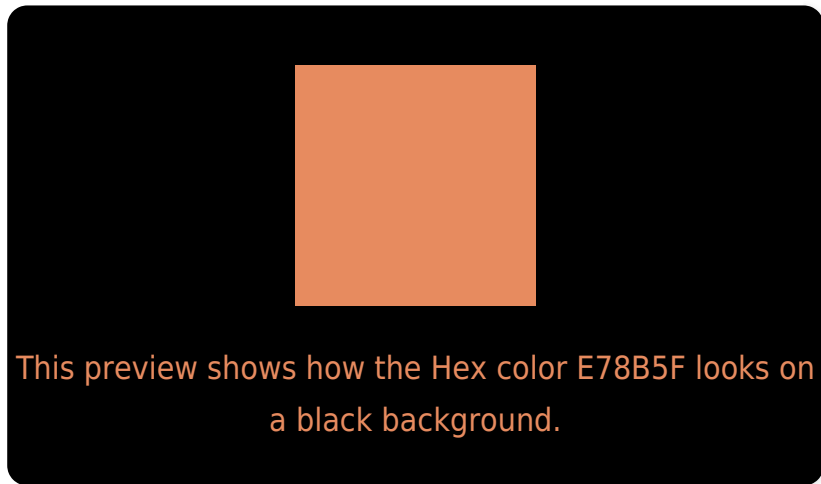
Large Text (above 18pt) WCAG AA × Fail

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

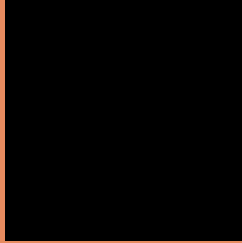
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E78B5F Background



This preview shows how black text looks on a background with the Hex color E78B5F.




This preview shows how white text looks on a background with the Hex color E78B5F.

# 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](#).

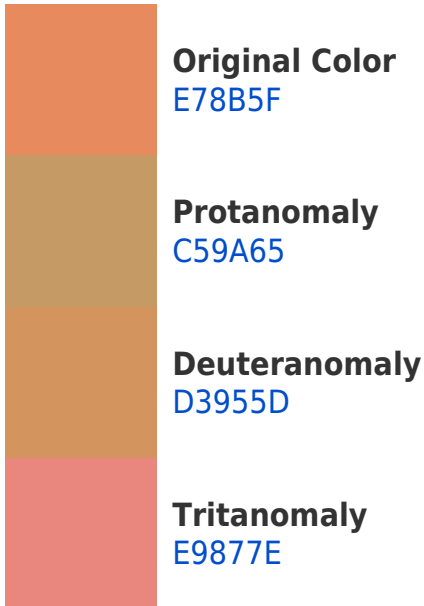
## Dichromacy



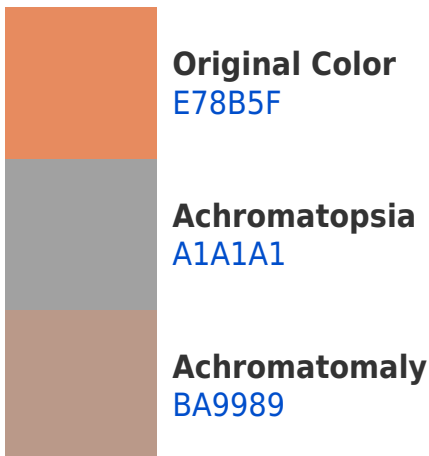


**Tritanopia**  
EA858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E78B5F 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 #E78B5F looks like.

```
.text, #text, p{  
    color:#E78B5F  
}
```

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 #E78B5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E78B5F
}
```

## Border

The CSS property to change the border of an element to Hex E78B5F 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
#E78B5F }
```

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

```
.border{ border-color:#E78B5F }
```

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

Here you see how a box with a 4 pixel #E78B5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E78B5F; -webkit-box-shadow:4px 4px  
4px 4px #E78B5F; box-shadow:4px 4px 4px  
4px #E78B5F }
```

# Background

The CSS property to change the background color of an element to Hex E78B5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E78B5F }
```

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

```
.background{ background-color:#E78B5F }
```

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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