

# Converting Colors

Hex(E78561)

Have a look what the booklet for  
Hex(E78561) contains.

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**Color**

**Hex(E78561)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E78561
RGB	231, 133, 97
RGB Percent	91%, 52%, 38%
CMY	0.0941, 0.4784, 0.6196
CMYK	0.00, 0.42, 0.58, 0.09
HSL	16°, 74%, 64%
HSV	16°, 58%, 91%
XYZ	43.5002, 34.6270, 15.7002
YIQ	158.1980, 69.9640, 9.5800

# Conversions

## Conversions Part 2

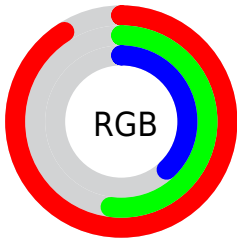
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 146, 97
Decimal	15172961
CIE <sub>Lab</sub>	65.46, 34.21, 35.57
CIE <sub>LCh</sub>	65, 49.349, 46.114
Yxy	34.6270, 0.4636, 0.3691
Android (android.graphics.Color)	4293363041 (0xFFE78561)
YUV	158.1980, -30.1706, 63.8474
Hunter-Lab	58.8448, 28.9754, 25.3723

# Details

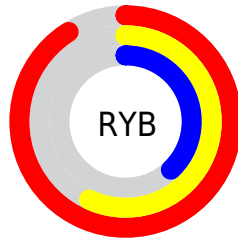
The Hex color **E78561** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **61C3E7**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFBB94**, and **AB5231** is the 20% darker color. If you saturate the color by 10%, you get **E7744A**, and if you desaturate by 10%, it is **E79678**.

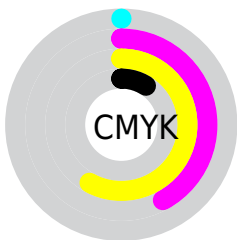
# Distribution



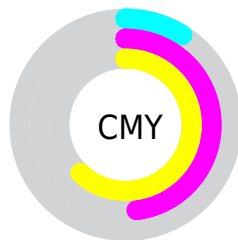
- Red (91%)
- Green (52%)
- Blue (38%)



- Red (91%)
- Yellow (57%)
- Blue (38%)



- Cyan (0%)
- Magenta (42%)
- Yellow (58%)
- Black (9%)



- Cyan (9%)
- Magenta (48%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E78561 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 E78561 by changing the saturation by 10% instead.



 E78561

 E78561

FFFFFF

 C96B49

 FFBB94

 AB5231

 FFD7AF

 8E391B

 FFF4CB

 712003

 FFFFE7

 550400

 390000

 1C0001

 000000

 E78561

 E78561

 E7744A

 E79678

 E76333

 E7A78F

 E7521C

 E7B8A6

 E74105

 E7C9BD

 E73E00

 E7D9D5

 E7EAEC

 E7FBFF

 E7FFFF

# Harmonies

## Analogous

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



F27A89



E78561



CA9547

# Triad

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



E78561



1AB488



809BF4

# Complementary

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



E78561



61C3E7

# 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.



00AAF4



E78561



00B5B6

# Square

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



E78561



70AE5F



00B2DE



C18ADD

# Rectangle

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



E78561



B09F43



00B2DE



62A1F7



# Sweetspot

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



E78561



FFDFD4



E761C3



806D66



000000



808080



# Same Dimension

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



E78561



FF7C4D



E7C861



736A67



B33000



330E00



# Inverse Universe

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



61C3E7



4DCFFB



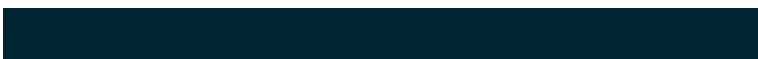
6180E7



677073



0083B3



002533



# Previews

## White Background



This preview shows how the Hex color E78561 looks on a white background.

## Color Contrast Check

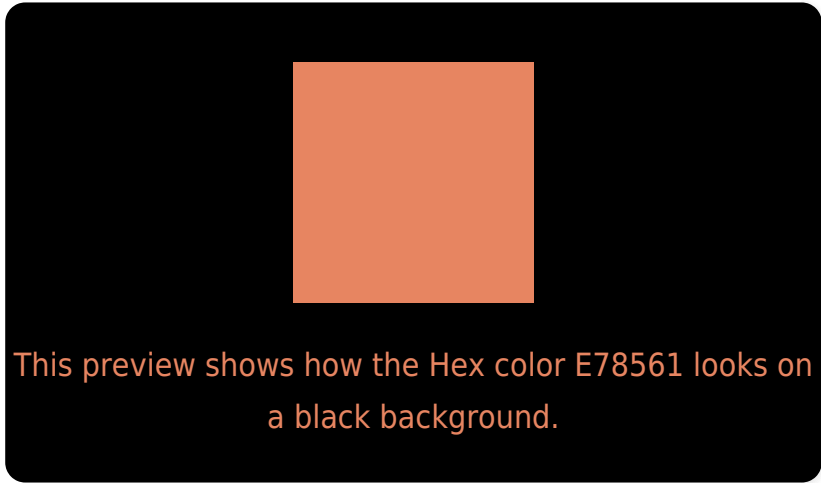
Large Text (above 18pt) WCAG AA × Fail

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 E78561 Background



This preview shows how black text looks on a background with the Hex color E78561.

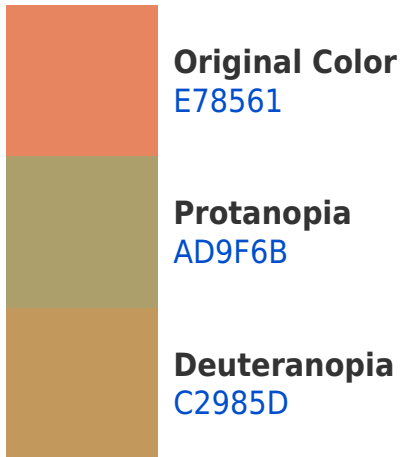


This preview shows how white text looks on a background with the Hex color E78561.

# 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





# Trichromacy



**Original Color**  
E78561

**Protanomaly**  
C29667

**Deuteranomaly**  
CF915E

**Tritanomaly**  
E9827A

# Monochromacy



**Original Color**  
E78561

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
B99588

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E78561 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 #E78561 looks like.

```
.text, #text, p{  
    color:#E78561  
}
```

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 #E78561 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E78561
}
```

## Border

The CSS property to change the border of an element to Hex E78561 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
#E78561 }
```

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

```
.border{ border-color:#E78561 }
```

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

Here you see how a box with a 4 pixel #E78561 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E78561; -webkit-box-shadow:4px 4px  
4px 4px #E78561; box-shadow:4px 4px 4px  
4px #E78561 }
```

# Background

The CSS property to change the background color of an element to Hex E78561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E78561 }
```

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

```
.background{ background-color:#E78561 }
```

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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