

# Converting Colors

Hex(E67F76)

Have a look what the booklet for  
Hex(E67F76) contains.

<b>Hex(E67F76)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E67F76)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E67F76
RGB	230, 127, 118
RGB Percent	90%, 50%, 46%
CMY	0.0980, 0.5020, 0.5373
CMYK	0.00, 0.45, 0.49, 0.10
HSL	5°, 69%, 68%
HSV	5°, 49%, 90%
XYZ	43.4925, 33.3097, 21.2767
YIQ	156.7710, 64.2770, 19.0370

# Conversions

## Conversions Part 2

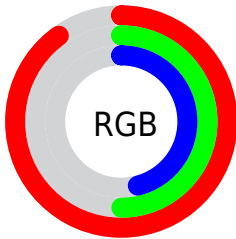
Format	Color
R <sub>Y</sub> B	230, 128, 118
Decimal	15105910
CIE Lab	64.41, 38.70, 22.58
CIE LCh	64, 44.804, 30.264
Yxy	33.3097, 0.4434, 0.3396
Android (android.graphics.Color)	4293295990 (0xFFE67F76)
YUV	156.7710, -19.1141, 64.2218
Hunter-Lab	57.7146, 33.5133, 18.5428

# Details

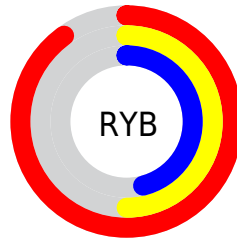
The Hex color **E67F76** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **76DDE6**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFB5AA**, and **AB4B46** is the 20% darker color. If you saturate the color by 10%, you get **E66A5F**, and if you desaturate by 10%, it is **E6948D**.

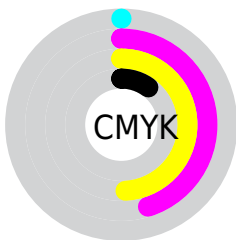
# Distribution



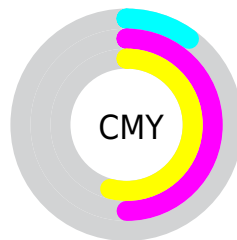
- Red (90%)
- Green (50%)
- Blue (46%)



- Red (90%)
- Yellow (50%)
- Blue (46%)



- Cyan (0%)
- Magenta (45%)
- Yellow (49%)
- Black (10%)



- Cyan (10%)
- Magenta (50%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E67F76 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 E67F76 by changing the saturation by 10% instead.



 E67F76

 E67F76

FFFFFF

 C8655D


 FFB5AA

 AB4B46

 FFD1C5

 8E322F

 FFEED1

 71171A

FFFFFFE

 560000

 3A0000

 1C0001

 000000

 E67F76

 E67F76

 E66A5F

 E6948D

 E65548

 E6A9A4

 E64031

 E6BEBB

 E62A1A

 E6D4D2

 E61503

 E6E9E9

 E61200

 E6FEFF

 E6FFFF

# Harmonies

## Analogous

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



E57B9D



E67F76



D48C57

# Triad

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



E67F76



58AD73



58A0EC

# Complementary

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



E67F76



76DDE6

# 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.



00ABE1



E67F76



00B19B

# Square

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



E67F76



8BA655



00B0C3



A092E1

# Rectangle

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



E67F76



C0954C



00B0C3



33A4EB

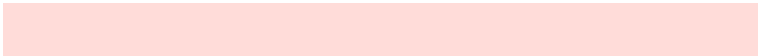


# Sweetspot

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



E67F76



FFDCD9



E676DF



806A69



000000



808080



# Same Dimension

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



E67F76



FF776B



E6B576



736867



B30E00



330400



# Inverse Universe

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



76DDE6



6BF3FF



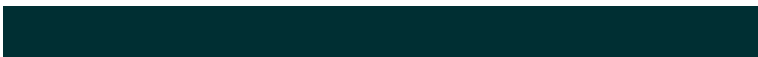
76A7E6



677273



00A4B3



002F33



# Previews

## White Background



This preview shows how the Hex color E67F76 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 E67F76 Background



This preview shows how black text looks on a background with the Hex color E67F76.

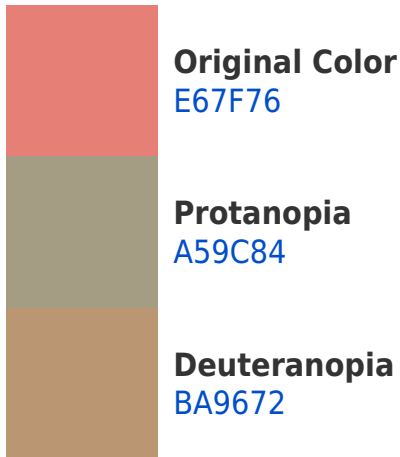


This preview shows how white text looks on a background with the Hex color E67F76.

# 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**  
E77D86

# Trichromacy



**Original Color**  
E67F76

**Protanomaly**  
BD917F

**Deuteranomaly**  
CA8E73

**Tritanomaly**  
E77E80

# Monochromacy



**Original Color**  
E67F76

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
B8928F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E67F76 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 #E67F76 looks like.

```
.text, #text, p{  
    color:#E67F76  
}
```

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 #E67F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E67F76
}
```

## Border

The CSS property to change the border of an element to Hex E67F76 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
#E67F76 }
```

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

```
.border{ border-color:#E67F76 }
```

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

Here you see how a box with a 4 pixel #E67F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E67F76; -webkit-box-shadow:4px 4px  
4px 4px #E67F76; box-shadow:4px 4px 4px  
4px #E67F76 }
```

# Background

The CSS property to change the background color of an element to Hex E67F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E67F76 }
```

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

```
.background{ background-color:#E67F76 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor