

# Converting Colors

Hex(E07E78)

Have a look what the booklet for  
Hex(E07E78) contains.

<b>Hex(E07E78)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E07E78)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E07E78
RGB	224, 126, 120
RGB Percent	88%, 49%, 47%
CMY	0.1216, 0.5059, 0.5294
CMYK	0.00, 0.44, 0.46, 0.12
HSL	3°, 63%, 67%
HSV	3°, 46%, 88%
XYZ	41.5915, 32.1251, 21.7779
YIQ	154.6180, 60.3340, 18.9100

# Conversions

## Conversions Part 2

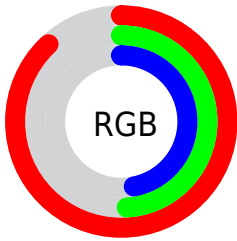
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 126, 120
Decimal	14712440
CIE <sub>Lab</sub>	63.45, 37.16, 20.01
CIE <sub>LCh</sub>	63, 42.206, 28.306
Yxy	32.1251, 0.4355, 0.3364
Android (android.graphics.Color)	4292902520 (0xFFE07E78)
YUV	154.6180, -17.0667, 60.8480
Hunter-Lab	56.6790, 31.7965, 16.8941

# Details

The Hex color **E07E78** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **78DAE0**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB4AC**, and **A54B48** is the 20% darker color. If you saturate the color by 10%, you get **E06962**, and if you desaturate by 10%, it is **E0938E**.

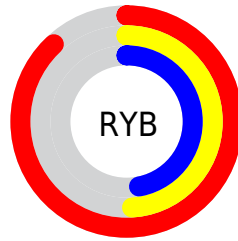
# Distribution



Red (88%)

Green (49%)

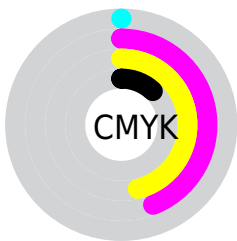
Blue (47%)



Red (88%)

Yellow (49%)

Blue (47%)

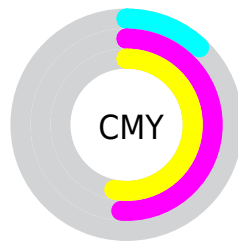


Cyan (0%)

Magenta (44%)

Yellow (46%)

Black (12%)



Cyan (12%)

Magenta (51%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E07E78 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 E07E78 by changing the saturation by 10% instead.



 E07E78

 E07E78

FFFFFF

 C2645F

 FFB4AC

 A54B48

 FFD0C8

 893231

 FFEDE4

 6C181C

 510003

 370000

 140000

 000000

 E07E78

 E07E78

 E06962

 E0938E

 E0544B

 E0A8A5

 E03F35

 E0BDBB

 E02A1E

 E0D2D2

 E01408

 E0E8E8

 E00D00

 E0FDFE

 E0FFFF

# Harmonies

## Analogous

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



DE7B9D



E07E78



D0895B

# Triad

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



E07E78



5FA971



579EE4

# Complementary

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



E07E78



78DAE0

# 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.



00A8D9



E07E78



0BAD96

# Square

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



E07E78



8DA255



00ACBC



9A91DC

# Rectangle

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



E07E78



BE924F



00ACBC



37A2E3

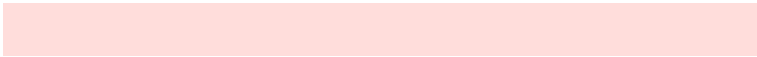


# Sweetspot

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



E07E78



FFDDDB



E078DB



806B6A



000000



808080



# Same Dimension

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



E07E78



FF7870



E0B178



706665



B00A00



300300



# Inverse Universe

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



78DAE0



70F7FF



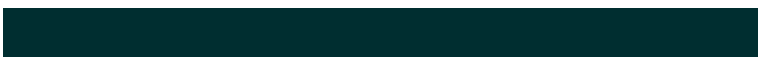
78A7E0



657070



00A6B0



002E30



# Previews

## White Background



This preview shows how the Hex color E07E78 looks on a white background.

## Color Contrast Check

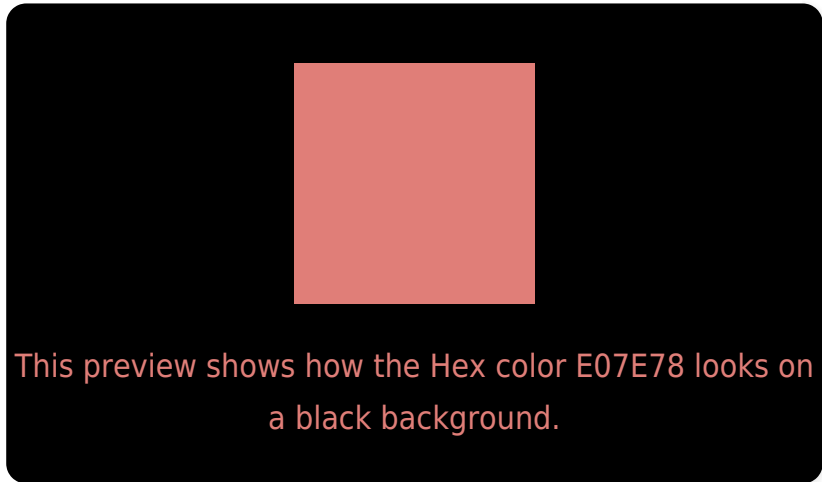
Large Text (above 18pt) WCAG AA × Fail

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 E07E78 Background



This preview shows how black text looks on a background with the Hex color E07E78.

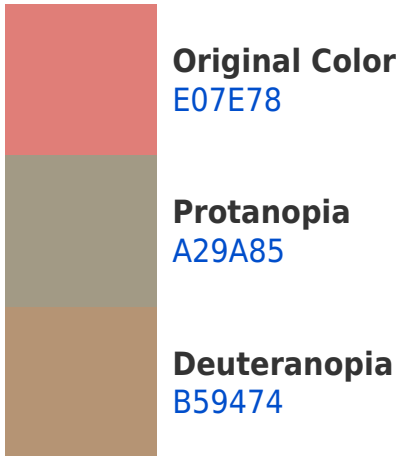


This preview shows how white text looks on a background with the Hex color E07E78.

# 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](#).

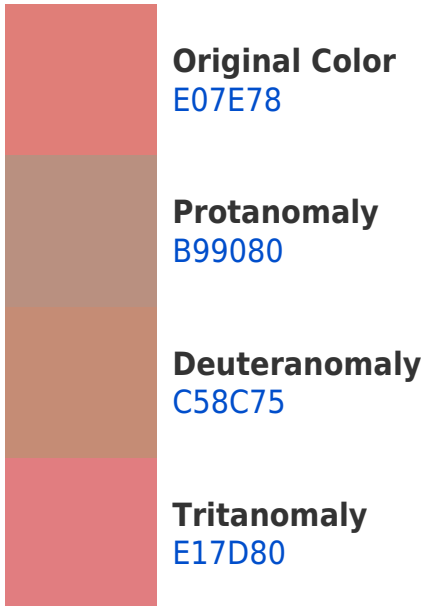
## Dichromacy





**Tritanopia**  
E17C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E07E78 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 #E07E78 looks like.

```
.text, #text, p{  
    color:#E07E78  
}
```

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 #E07E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E07E78  
}
```

## Border

The CSS property to change the border of an element to Hex E07E78 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  
#E07E78 }
```

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

```
.border{ border-color:#E07E78 }
```

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

Here you see how a box with a 4 pixel #E07E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E07E78; -webkit-box-shadow:4px 4px  
4px 4px #E07E78; box-shadow:4px 4px 4px  
4px #E07E78 }
```

# Background

The CSS property to change the background color of an element to Hex E07E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E07E78 }
```

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

```
.background{ background-color:#E07E78 }
```

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