

# Converting Colors

Hex(E47D80)

Have a look what the booklet for  
Hex(E47D80) contains.

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# **Color**

**Hex(E47D80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E47D80
RGB	228, 125, 128
RGB Percent	89%, 49%, 50%
CMY	0.1059, 0.5098, 0.4980
CMYK	0.00, 0.45, 0.44, 0.11
HSL	358°, 66%, 69%
HSV	358°, 45%, 89%
XYZ	43.2248, 32.7197, 24.4594
YIQ	156.1390, 60.4250, 22.7690

# Conversions

## Conversions Part 2

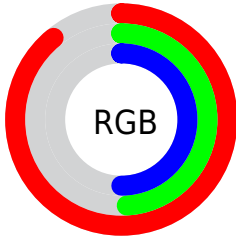
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 125, 128
Decimal	14974336
CIE Lab	63.93, 39.96, 16.24
CIE LCh	64, 43.137, 22.111
Yxy	32.7197, 0.4305, 0.3259
Android (android.graphics.Color)	4293164416 (0xFFE47D80)
YUV	156.1390, -13.8725, 63.0221
Hunter-Lab	57.2012, 34.7838, 14.6882

# Details

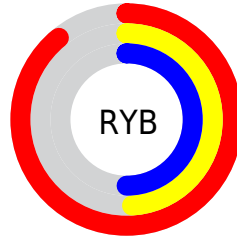
The Hex color **E47D80** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **7DE4E1**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFB3B5**, and **A9494F** is the 20% darker color. If you saturate the color by 10%, you get **E4666A**, and if you desaturate by 10%, it is **E49496**.

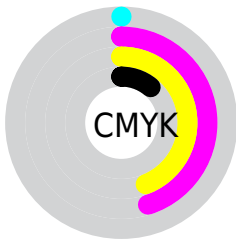
# Distribution



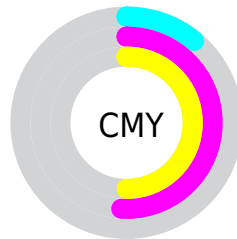
- Red (89%)
- Green (49%)
- Blue (50%)



- Red (89%)
- Yellow (49%)
- Blue (50%)



- Cyan (0%)
- Magenta (45%)
- Yellow (44%)
- Black (11%)



- Cyan (11%)
- Magenta (51%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E47D80 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 E47D80 by changing the saturation by 10% instead.



 E47D80

 E47D80

FFFFFF

 C66367

 FFB3B5

 A9494F

 FFCFD0

 8C3038

 FFECEB

 701423

 55000E

 3A0000

 1B0001

 000000

 E47D80

 E47D80

 E4666A

 E49496

 E44F54

 E4ABAC

 E4393E

 E4C1C2

 E42227

 E4D8D9

 E40B11

 E4EFEF

 E40007

 E4FFFF

# Harmonies

## Analogous

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



DD7CA7



E47D80



D7875F

# Triad

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



E47D80



69AA6A



42A2E7

# Complementary

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



E47D80



7DE4E1

# 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.



00ABD7



E47D80



25AE8F

# Square

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



E47D80



96A151



00AFB7



8F95E2

# Rectangle

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



E47D80



C69151



00AFB7



0FA5E3



# Sweetspot

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



E47D80



FFDBDC



E17DE4



806A6A



000000



808080



# Same Dimension

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



E47D80



FF7579



E4AD7D



736768



B30005



330001



# Inverse Universe

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



E47D80



FF7579



7DB4E4



736768



B30005



330001



# Previews

## White Background



This preview shows how the Hex color E47D80 looks on a white background.

## Color Contrast Check

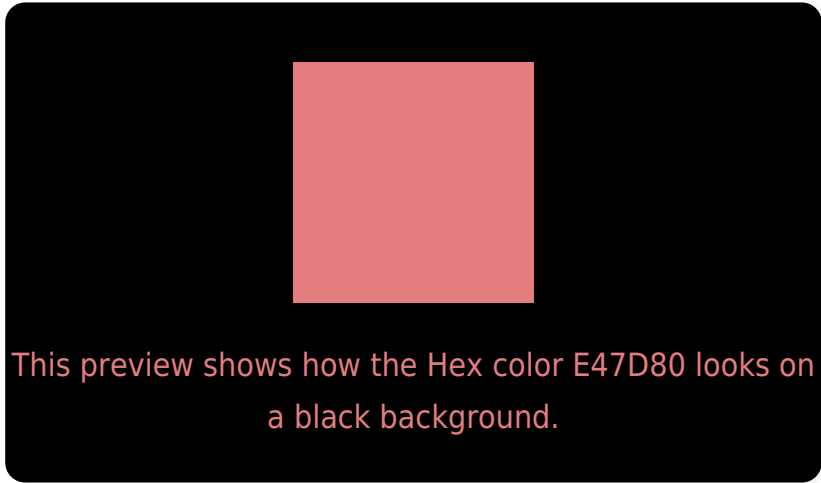
Large Text (above 18pt) WCAG AA × Fail

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 E47D80 Background



This preview shows how black text looks on a background with the Hex color E47D80.



This preview shows how white text looks on a background with the Hex color E47D80.

# 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](#).

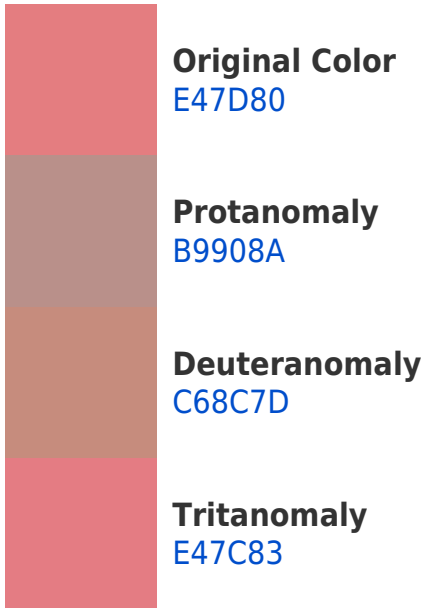
## Dichromacy



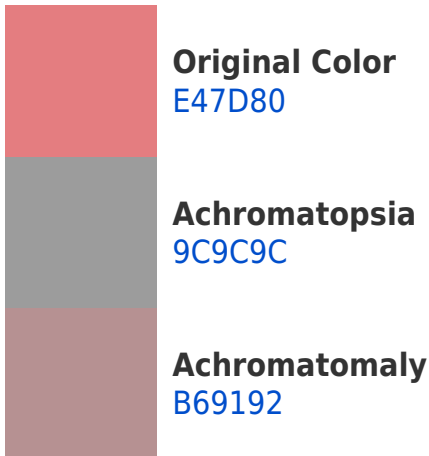


**Tritanopia**  
E47C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E47D80 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 #E47D80 looks like.

```
.text, #text, p{  
    color:#E47D80  
}
```

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 #E47D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E47D80
}
```

## Border

The CSS property to change the border of an element to Hex E47D80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

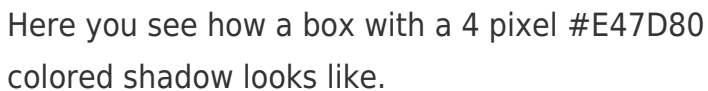
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E47D80 }
```

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

```
.border{ border-color:#E47D80 }
```

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



Here you see how a box with a 4 pixel #E47D80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E47D80; -webkit-box-shadow:4px 4px  
4px 4px #E47D80; box-shadow:4px 4px 4px  
4px #E47D80 }
```

# Background

The CSS property to change the background color of an element to Hex E47D80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E47D80 }
```

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

```
.background{ background-color:#E47D80 }
```

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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