

Converting Colors

Hex(E47E7A)

Have a look what the booklet for
Hex(E47E7A) contains.

Hex(E47E7A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E47E7A)

Conversions

Conversions Part 1

Format	Color
Hex	E47E7A
RGB	228, 126, 122
RGB Percent	89%, 49%, 48%
CMY	0.1059, 0.5059, 0.5216
CMYK	0.00, 0.45, 0.46, 0.11
HSL	2°, 66%, 69%
HSV	2°, 46%, 89%
XYZ	42.9686, 32.8208, 22.4827
YIQ	156.0420, 62.0760, 20.3800

Conversions

Conversions Part 2

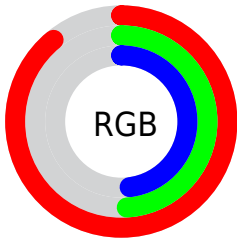
Format	Color
R _Y B	228, 126, 122
Decimal	14974586
CIE Lab	64.02, 38.85, 19.75
CIE LCh	64, 43.579, 26.944
Yxy	32.8208, 0.4372, 0.3340
Android (android.graphics.Color)	4293164666 (0xFFE47E7A)
YUV	156.0420, -16.7827, 63.1072
Hunter-Lab	57.2895, 33.6232, 16.8348

Details

The Hex color **E47E7A** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **7AE0E4**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFB4AE**, and **A94A49** is the 20% darker color. If you saturate the color by 10%, you get **E46863**, and if you desaturate by 10%, it is **E49491**.

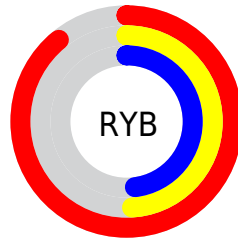
Distribution



Red (89%)

Green (49%)

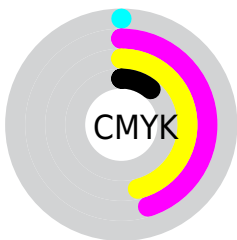
Blue (48%)



Red (89%)

Yellow (49%)

Blue (48%)

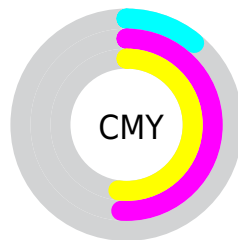


Cyan (0%)

Magenta (45%)

Yellow (46%)

Black (11%)



Cyan (11%)

Magenta (51%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color E47E7A 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 E47E7A by changing the saturation by 10% instead.

 E47E7A

 E47E7A

FFFFFF

 C66461

 FFB4AE

 A94A49

 FFD0CA

 8C3133

 FFEDE6

 70161E

 540006

 390000

 1A0001

 000000

 E47E7A

 E47E7A

 E46863

 E49491

 E4524C

 E4AAA8

 E43C36

 E4C0BE

 E4261F

 E4D6D5

 E41008

 E4ECEC

 E40900

 E4FFFF

Harmonies

Analogous

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



E17BA1



E47E7A



D48A5B

Triad

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



E47E7A



60AB6F



50A0E8

Complementary

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



E47E7A



7AE0E4

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.



00AADB



E47E7A



02AF96

Square

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



E47E7A



8FA354



00AFBD



9893E0

Rectangle

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



E47E7A



C1934F



00AFBD



2BA4E6

Sweetspot

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



E47E7A



FFDDDB



E47AE0



806B6A



000000



808080

Same Dimension

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



E47E7A



FF7670



E4B37A



736867



B30700



330200

Inverse Universe

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



7AE0E4



70FAFF



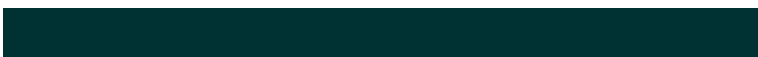
7AABE4



677273



00ACB3



003133

Previews

White Background



This preview shows how the Hex color E47E7A looks on a white background.

Color Contrast Check

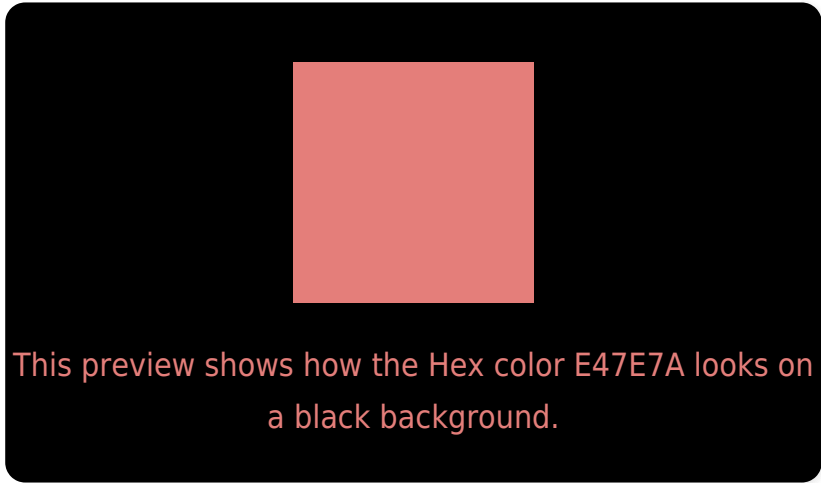
Large Text (above 18pt) WCAG AA × Fail

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 E47E7A Background



This preview shows how black text looks on a background with the Hex color E47E7A.

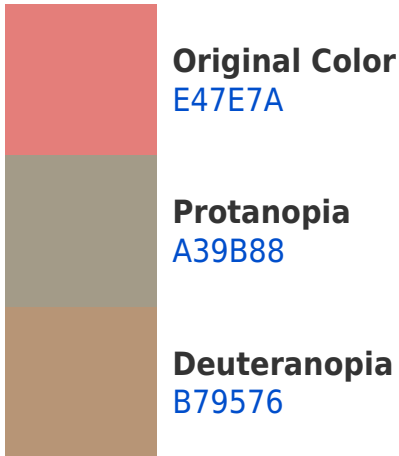


This preview shows how white text looks on a background with the Hex color E47E7A.

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
E57C85

Trichromacy



Original Color
E47E7A

Protanomaly
BB9083

Deuteranomaly
C78D77

Tritanomaly
E57D81

Monochromacy



Original Color
E47E7A

Achromatopsia
9C9C9C

Achromatomaly
B69190

CSS Examples

Text

The CSS property to change the color of the text to Hex E47E7A 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 #E47E7A looks like.

```
.text, #text, p{  
    color:#E47E7A  
}
```

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 #E47E7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E47E7A
}
```

Border

The CSS property to change the border of an element to Hex E47E7A 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
#E47E7A }
```

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

```
.border{ border-color:#E47E7A }
```

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

Here you see how a box with a 4 pixel #E47E7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E47E7A; -webkit-box-shadow:4px 4px  
4px 4px #E47E7A; box-shadow:4px 4px 4px  
4px #E47E7A }
```

Background

The CSS property to change the background color of an element to Hex E47E7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E47E7A }
```

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

```
.background{ background-color:#E47E7A }
```

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