

# Converting Colors

Hex(E47272)

Have a look what the booklet for  
Hex(E47272) contains.

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# **Color**

**Hex(E47272)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E47272
RGB	228, 114, 114
RGB Percent	89%, 45%, 45%
CMY	0.1059, 0.5529, 0.5529
CMYK	0.00, 0.50, 0.50, 0.11
HSL	0°, 68%, 67%
HSV	0°, 50%, 89%
XYZ	41.0495, 29.7435, 19.4971
YIQ	148.0860, 67.9440, 24.1680

# Conversions

## Conversions Part 2

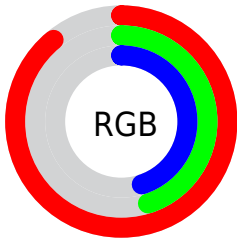
Format	Color
R <sub>Y</sub> B	228, 114, 114
Decimal	14971506
CIE Lab	61.43, 44.18, 20.78
CIE LCh	61, 48.824, 25.183
Yxy	29.7435, 0.4546, 0.3294
Android (android.graphics.Color)	4293161586 (0xFFE47272)
YUV	148.0860, -16.8044, 70.0846
Hunter-Lab	54.5376, 38.9129, 16.9802

# Details

The Hex color **E47272** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **72E4E4**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFA8A6**, and **A83E42** is the 20% darker color. If you saturate the color by 10%, you get **E45B5B**, and if you desaturate by 10%, it is **E48989**.

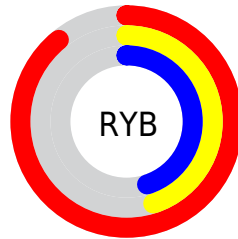
# Distribution



Red (89%)

Green (45%)

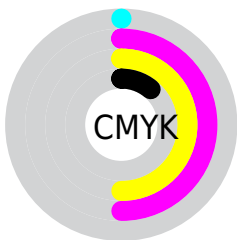
Blue (45%)



Red (89%)

Yellow (45%)

Blue (45%)

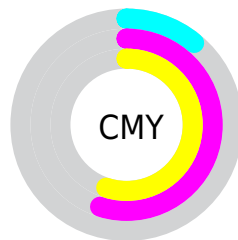


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (11%)



Cyan (11%)

Magenta (55%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E47272 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 E47272 by changing the saturation by 10% instead.



 E47272

 E47272

FFFFFF

 C6585A

 FFA8A6

 A83E42

 FFC4C1

 8B222C


 FFE1DD

 6E0018

 FFFEF9

 520000

 380001

 110000

 000000

 E47272

 E47272

 E45B5B

 E48989

 E44444

 E4A0A0

 E42E2E

 E4B6B6

 E41717

 E4CDCD

 E40000

 E4E4E4

 E4FBFB

 E4FFFF

# Harmonies

## Analogous

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



E0709D



E47272



D3804E

# Triad

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



E47272



53A561



219BEA

# Complementary

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



E47272



72E4E4

# 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.



00A5DA



E47272



00AA8C

# Square

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



E47272



899D42



00AAB8



8B8CE3

# Rectangle

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



E47272



BF8A3F



00AAB8



009FE7



# Sweetspot

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



E47272



FFD9D9



E472E4



806969



000000



808080



# Same Dimension

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



E47272



FF6666



E4AB72



736767



B30000



330000



# Inverse Universe

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



72E4E4



66FFFF



72ABE4



677373



00B3B3



003333



# Previews

## White Background



This preview shows how the Hex color E47272 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E47272 Background



This preview shows how black text looks on a background with the Hex color E47272.

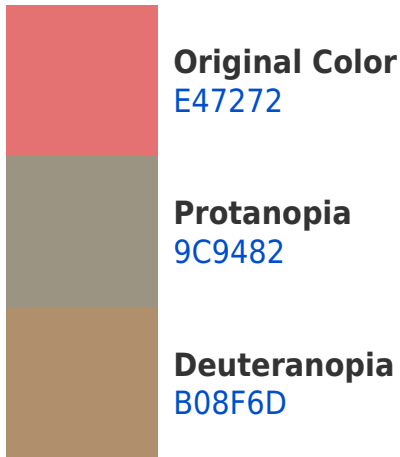


This preview shows how white text looks on a background with the Hex color E47272.

# 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](#).

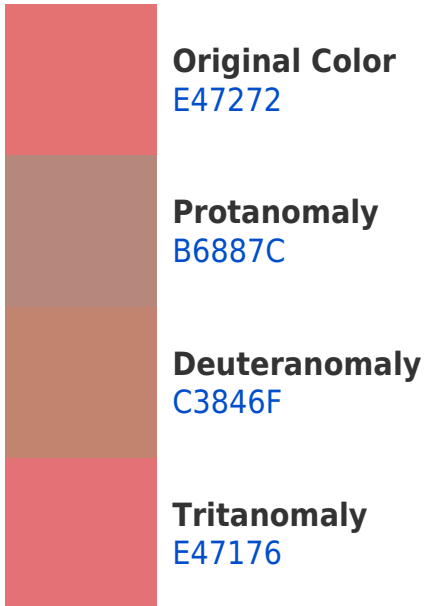
## Dichromacy



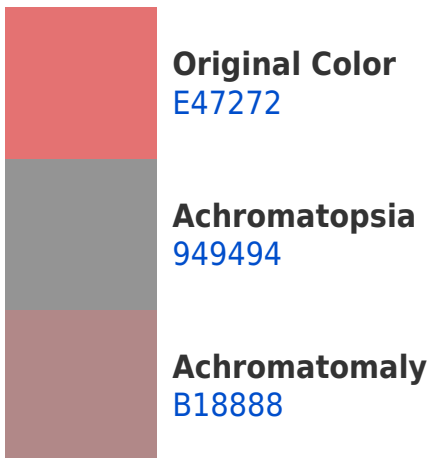


**Tritanopia**  
E47179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E47272 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 #E47272 looks like.

```
.text, #text, p{  
    color:#E47272  
}
```

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 #E47272 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E47272
}
```

## Border

The CSS property to change the border of an element to Hex E47272 is called "border". The border property can be set on classes, ids or directly on the HTML element.

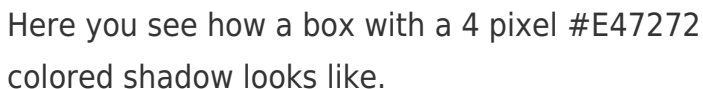
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E47272 }
```

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

```
.border{ border-color:#E47272 }
```

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



Here you see how a box with a 4 pixel #E47272 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E47272; -webkit-box-shadow:4px 4px  
4px 4px #E47272; box-shadow:4px 4px 4px  
4px #E47272 }
```

# Background

The CSS property to change the background color of an element to Hex E47272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E47272 }
```

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

```
.background{ background-color:#E47272 }
```

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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