

# Converting Colors

Hex(E47167)

Have a look what the booklet for  
Hex(E47167) contains.

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# **Color**

**Hex(E47167)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | E47167                     |
| RGB           | 228, 113, 103              |
| RGB Percent   | 89%, 44%, 40%              |
| CMY           | 0.1059, 0.5569, 0.5961     |
| CMYK          | 0.00, 0.50, 0.55, 0.11     |
| HSL           | 5°, 70%, 65%               |
| HSV           | 5°, 55%, 89%               |
| XYZ           | 40.3482, 29.2835, 16.3577  |
| YIQ           | 146.2450, 71.7500, 21.2700 |

# Conversions

## Conversions Part 2

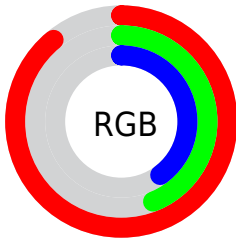
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 228, 114, 103                  |
| Decimal                             | 14971239                       |
| CIE Lab                             | 61.03, 43.75, 26.49            |
| CIE LCh                             | 61, 51.144, 31.197             |
| Yxy                                 | 29.2835, 0.4692,<br>0.3405     |
| Android<br>(android.graphics.Color) | 4293161319<br>(0xFFE47167)     |
| YUV                                 | 146.2450, -21.3198,<br>71.6991 |
| Hunter-Lab                          | 54.1142, 38.3918,<br>19.9578   |

# Details

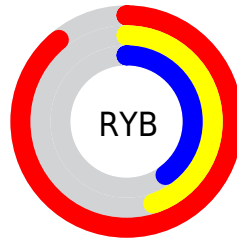
The Hex color **E47167** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **67DAE4**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFA79A**, and **A83D38** is the 20% darker color. If you saturate the color by 10%, you get **E45C50**, and if you desaturate by 10%, it is **E4867E**.

# Distribution



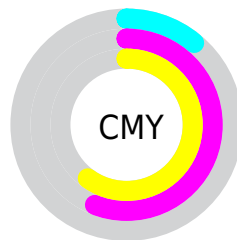
- Red (89%)
- Green (44%)
- Blue (40%)



- Red (89%)
- Yellow (45%)
- Blue (40%)



- Cyan (0%)
- Magenta (50%)
- Yellow (55%)
- Black (11%)



- Cyan (11%)
- Magenta (56%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E47167 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 E47167 by changing the saturation by 10% instead.



 E47167

 E47167

FFFFFF

 C6574F

 FFA79A

 A83D38

 FFC3B5

 8A2222

 FFE0D1

 6D000D

 FFFDED

 510000

 370001

 0D0000

 000000

 E47167

 E47167

 E45C50

 E4867E

 E44739

 E49B95

 E43223

 E4B0AB

 E41D0C

 E4C5C2

 E41200

 E4DAD9

 E4EFF0

 E4FFFF

# Harmonies

## Analogous

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



E56B93



E47167



CF8144

# Triad

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



E47167



3EA666



3798EE

# Complementary

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



E47167



67DAE4

# 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.



00A3E2



E47167



00AA94

# Square

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



E47167



7D9E42



00A9C1



9887E1

# Rectangle

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



E47167



B88C36



00A9C1



009CEC

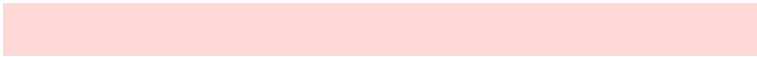


# Sweetspot

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



E47167



FFD9D6



E467DC



806967



000000



808080



# Same Dimension

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



E47167



FF6457



E4AE67



736867



B30E00



330400



# Inverse Universe

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



67DAE4



57F2FF



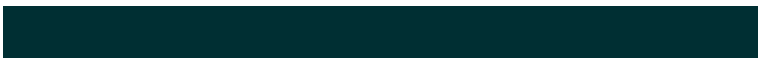
679DE4



677273



00A4B3



002F33



# Previews

## White Background



This preview shows how the Hex color E47167 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 E47167 Background



This preview shows how black text looks on a background with the Hex color E47167.



This preview shows how white text looks on a background with the Hex color E47167.

# 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



**Original Color**  
E47167

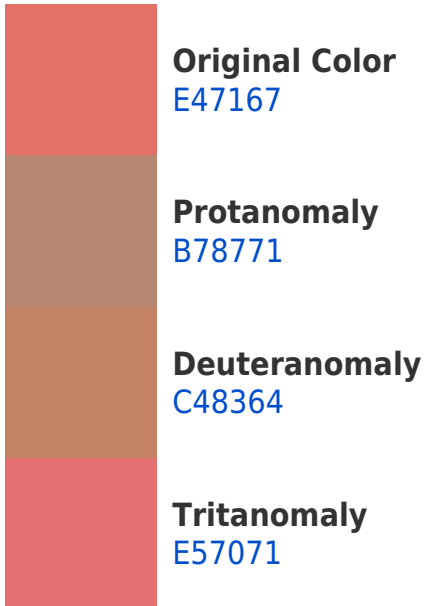
**Protanopia**  
9D9376

**Deuteranopia**  
B18D62

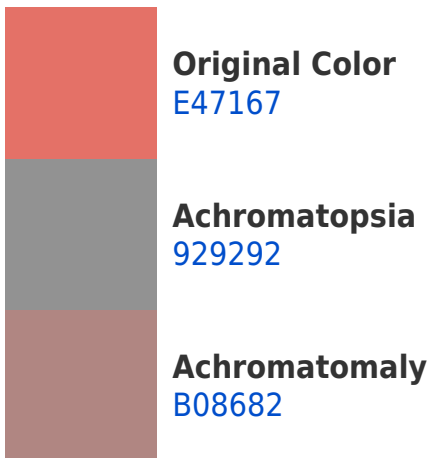


**Tritanopia**  
E56F76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E47167 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 #E47167 looks like.

```
.text, #text, p{  
    color:#E47167  
}
```

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 #E47167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E47167
}
```

## Border

The CSS property to change the border of an element to Hex E47167 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
#E47167 }
```

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

```
.border{ border-color:#E47167 }
```

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

Here you see how a box with a 4 pixel #E47167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E47167; -webkit-box-shadow:4px 4px  
4px 4px #E47167; box-shadow:4px 4px 4px  
4px #E47167 }
```

# Background

The CSS property to change the background color of an element to Hex E47167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E47167 }
```

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

```
.background{ background-color:#E47167 }
```

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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