

# Converting Colors

Hex(E76E76)

Have a look what the booklet for  
Hex(E76E76) contains.

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# **Color**

**Hex(E76E76)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E76E76
RGB	231, 110, 118
RGB Percent	91%, 43%, 46%
CMY	0.0941, 0.5686, 0.5373
CMYK	0.00, 0.52, 0.49, 0.09
HSL	356°, 72%, 67%
HSV	356°, 52%, 91%
XYZ	41.8009, 29.4488, 20.6206
YIQ	147.0910, 69.5480, 28.1400

# Conversions

## Conversions Part 2

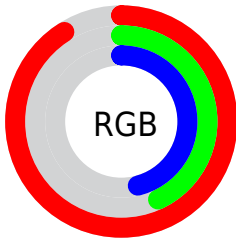
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 110, 118
Decimal	15167094
CIE Lab	61.18, 47.58, 18.21
CIE LCh	61, 50.947, 20.941
Yxy	29.4488, 0.4550, 0.3205
Android (android.graphics.Color)	4293357174 (0xFFE76E76)
YUV	147.0910, -14.3419, 73.5882
Hunter-Lab	54.2667, 42.5294, 15.4574

# Details

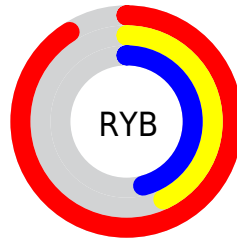
The Hex color **E76E76** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **6EE7DF**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFA5AA**, and **AB3946** is the 20% darker color. If you saturate the color by 10%, you get **E75760**, and if you desaturate by 10%, it is **E7858C**.

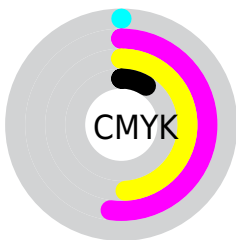
# Distribution



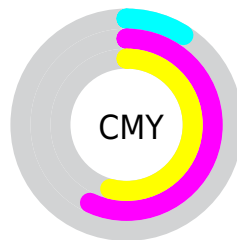
- Red (91%)
- Green (43%)
- Blue (46%)



- Red (91%)
- Yellow (43%)
- Blue (46%)



- Cyan (0%)
- Magenta (52%)
- Yellow (49%)
- Black (9%)



- Cyan (9%)
- Magenta (57%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E76E76 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 E76E76 by changing the saturation by 10% instead.



 E76E76

 E76E76

FFFFFF

 C9535D


 FFA5AA

 AB3946

 FFC1C5

 8E1B30

 FFDDE1

 71001B

 FFFAFE

 550000

 3A0002

 150000

 000000

 E76E76

 E76E76

 E75760

 E7858C

 E7404B

 E79CA1

 E72935

 E7B3B7

 E71220

 E7CACC

 E7000F

 E7E2E2

 E7F9F7

 E7FFFF

# Harmonies

## Analogous

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



DF6EA3



E76E76



D87B4F

# Triad

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



E76E76



58A458



009DEC

# Complementary

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



E76E76



6EE7DF

# 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.



00A6D9



E76E76



00A984

# Square

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



E76E76



8E9B3A



00AAB2



7F8DE8

# Rectangle

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



E76E76



C5873D



00AAB2



00A0E8



# Sweetspot

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



E76E76



FFD6D9



DF6EE7



806769



000000



808080



# Same Dimension

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



E76E76



FF5E69



E7A26E



736768



B3000C



330003



# Inverse Universe

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



E76E76



FF5E69



6EB3E7



736768



B3000C



330003



# Previews

## White Background



This preview shows how the Hex color E76E76 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 E76E76 Background



This preview shows how black text looks on a background with the Hex color E76E76.



This preview shows how white text looks on a background with the Hex color E76E76.

# 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](#).

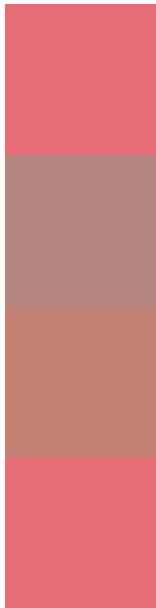
## Dichromacy





**Tritanopia**  
E76E76

# Trichromacy



**Original Color**  
E76E76

**Protanomaly**  
B58682

**Deuteranomaly**  
C38273

**Tritanomaly**  
E76E76

# Monochromacy



**Original Color**  
E76E76

**Achromatopsia**  
939393

**Achromatomaly**  
B28688

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E76E76 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 #E76E76 looks like.

```
.text, #text, p{  
    color:#E76E76  
}
```

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 #E76E76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E76E76
}
```

## Border

The CSS property to change the border of an element to Hex E76E76 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
#E76E76 }
```

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

```
.border{ border-color:#E76E76 }
```

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

Here you see how a box with a 4 pixel #E76E76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E76E76; -webkit-box-shadow:4px 4px  
4px 4px #E76E76; box-shadow:4px 4px 4px  
4px #E76E76 }
```

# Background

The CSS property to change the background color of an element to Hex E76E76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E76E76 }
```

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

```
.background{ background-color:#E76E76 }
```

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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