

# Converting Colors

Hex(EC7F76)

Have a look what the booklet for  
Hex(EC7F76) contains.

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# **Color**

**Hex(EC7F76)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC7F76
RGB	236, 127, 118
RGB Percent	93%, 50%, 46%
CMY	0.0745, 0.5020, 0.5373
CMYK	0.00, 0.46, 0.50, 0.07
HSL	5°, 76%, 69%
HSV	5°, 50%, 93%
XYZ	45.4515, 34.3196, 21.3683
YIQ	158.5650, 67.8530, 20.3090

# Conversions

## Conversions Part 2

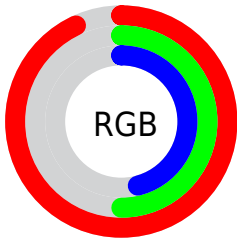
Format	Color
R <sub>Y</sub> B	236, 128, 118
Decimal	15499126
CIE Lab	65.22, 40.93, 23.80
CIE LCh	65, 47.347, 30.179
Yxy	34.3196, 0.4494, 0.3393
Android (android.graphics.Color)	4293689206 (0xFFEC7F76)
YUV	158.5650, -19.9985, 67.9105
Hunter-Lab	58.5829, 35.9687, 19.3818

# Details

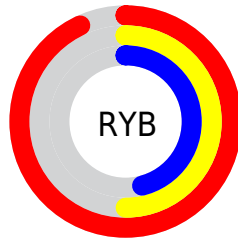
The Hex color **EC7F76** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **76E3EC**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB5AA**, and **B04B46** is the 20% darker color. If you saturate the color by 10%, you get **EC695E**, and if you desaturate by 10%, it is **EC958E**.

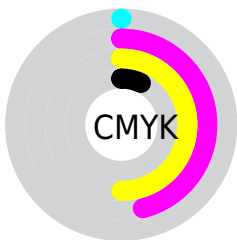
# Distribution



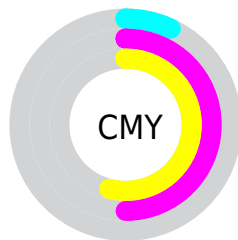
- Red (93%)
- Green (50%)
- Blue (46%)



- Red (93%)
- Yellow (50%)
- Blue (46%)



- Cyan (0%)
- Magenta (46%)
- Yellow (50%)
- Black (7%)



- Cyan (7%)
- Magenta (50%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC7F76 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 EC7F76 by changing the saturation by 10% instead.



 EC7F76

 EC7F76

FFFFFF

 CE655D

 FFB5AA

 B04B46

 FFD2C5

 93312F

 FFEED1

 76161A

FFFFFFE

 5A0000

 3E0000

 220001

 000000

 EC7F76

 EC7F76

 EC695E

 EC958E

 EC5347

 ECABA5

 EC3E2F

 ECC0BD

 EC2818

 ECD6D4

 EC1200

 ECECEC

 ECFFFF

# Harmonies

## Analogous

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



EB7BA0



EC7F76



D98D55

# Triad

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



EC7F76



56B072



52A3F3

# Complementary

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



EC7F76



76E3EC

# 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.



00AEE7



EC7F76



00B49D

# Square

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



EC7F76



8CA852



00B3C8



A193E8

# Rectangle

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



EC7F76



C49749



00B3C8



23A7F1

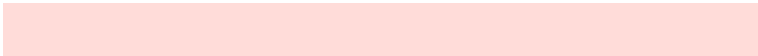


# Sweetspot

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



EC7F76



FFDCD9



EC76E4



806A69



000000



808080



# Same Dimension

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



EC7F76



FF7266



ECB976



756A6A



B50E00



360400



# Inverse Universe

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



76E3EC



66F3FF



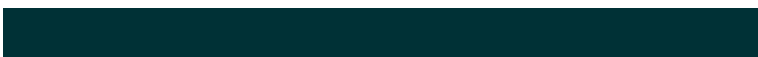
76A9EC



6A7475



00A7B5



003136



# Previews

## White Background



This preview shows how the Hex color EC7F76 looks on a white background.

## Color Contrast Check

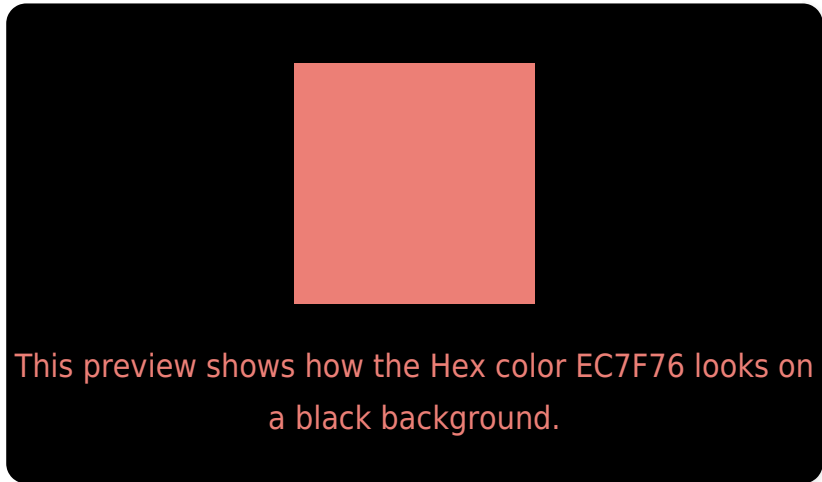
Large Text (above 18pt) WCAG AA × Fail

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 EC7F76 Background



This preview shows how black text looks on a background with the Hex color EC7F76.

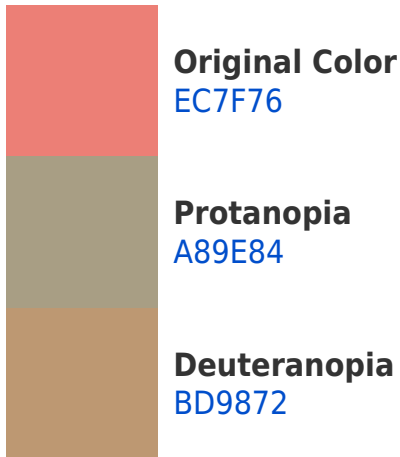


This preview shows how white text looks on a background with the Hex color EC7F76.

# 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**  
ED7D86

# Trichromacy



**Original Color**  
EC7F76



**Protanomaly**  
C1937F



**Deuteranomaly**  
CE8F73

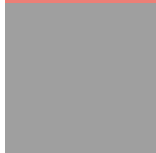


**Tritanomaly**  
ED7E80

# Monochromacy



**Original Color**  
EC7F76



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
BB9390

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC7F76 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 #EC7F76 looks like.

```
.text, #text, p{  
    color:#EC7F76  
}
```

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 #EC7F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC7F76
}
```

## Border

The CSS property to change the border of an element to Hex EC7F76 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
#EC7F76 }
```

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

```
.border{ border-color:#EC7F76 }
```

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

Here you see how a box with a 4 pixel #EC7F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC7F76; -webkit-box-shadow:4px 4px  
4px 4px #EC7F76; box-shadow:4px 4px 4px  
4px #EC7F76 }
```

# Background

The CSS property to change the background color of an element to Hex EC7F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC7F76 }
```

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

```
.background{ background-color:#EC7F76 }
```

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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