

# Converting Colors

Hex(E6786A)

Have a look what the booklet for  
Hex(E6786A) contains.

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# **Color**

**Hex(E6786A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6786A
RGB	230, 120, 106
RGB Percent	90%, 47%, 42%
CMY	0.0980, 0.5294, 0.5843
CMYK	0.00, 0.48, 0.54, 0.10
HSL	7°, 71%, 66%
HSV	7°, 54%, 90%
XYZ	41.9511, 31.2965, 17.4654
YIQ	151.2940, 70.0540, 18.9660

# Conversions

## Conversions Part 2

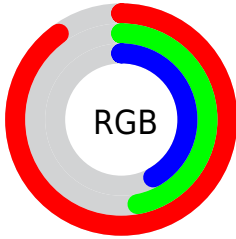
Format	Color
R <sub>Y</sub> B	230, 122, 106
Decimal	15104106
CIE Lab	62.76, 41.22, 27.12
CIE LCh	63, 49.341, 33.342
Yxy	31.2965, 0.4625, 0.3450
Android (android.graphics.Color)	4293294186 (0xFFE6786A)
YUV	151.2940, -22.3299, 69.0252
Hunter-Lab	55.9433, 35.9539, 20.6500

# Details

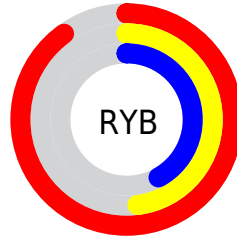
The Hex color **E6786A** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **6AD8E6**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFAE9D**, and **AA443B** is the 20% darker color. If you saturate the color by 10%, you get **E66453**, and if you desaturate by 10%, it is **E68C81**.

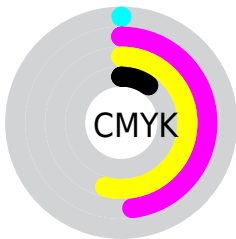
# Distribution



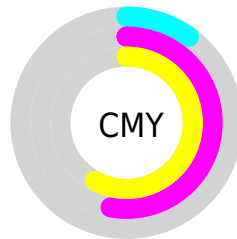
- Red (90%)
- Green (47%)
- Blue (42%)



- Red (90%)
- Yellow (48%)
- Blue (42%)



- Cyan (0%)
- Magenta (48%)
- Yellow (54%)
- Black (10%)



- Cyan (10%)
- Magenta (53%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6786A 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 E6786A by changing the saturation by 10% instead.



 E6786A

 E6786A

FFFFFF

 C85E52

 FFAE9D

 AA443B

 FFCAB8

 8D2A25

 FFE7D4

 700C10

 FFFFF0

 540000

 380000

 160000

 000000

 E6786A

 E6786A

 E66453

 E68C81

 E64F3C

 E6A198

 E63B25

 E6B5AF

 E6260E

 E6CAC6

 E61A00

 E6DEDD

 E6F2F4

 E6FFFF

# Harmonies

## Analogous

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



E87295



E6786A



D08749

# Triad

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



E6786A



42AB6F



4F9BEF

# Complementary

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



E6786A



6AD8E6

# 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.



00A7E5



E6786A



00AE9B

# Square

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



E6786A



7FA34B



00ADC7



A18AE1

# Rectangle

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



E6786A



BA923E



00ADC7



139FEF



# Sweetspot

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



E6786A



FFDBD6



E66ADA



806A67



000000



808080



# Same Dimension

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



E6786A



FF6C59



E6B46A



736967



B31400



330600



# Inverse Universe

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



6AD8E6



59ECFF



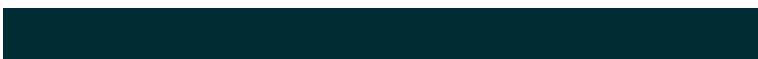
6A9CE6



677173



009EB3



002D33



# Previews

## White Background



This preview shows how the Hex color E6786A looks on a white background.

## Color Contrast Check

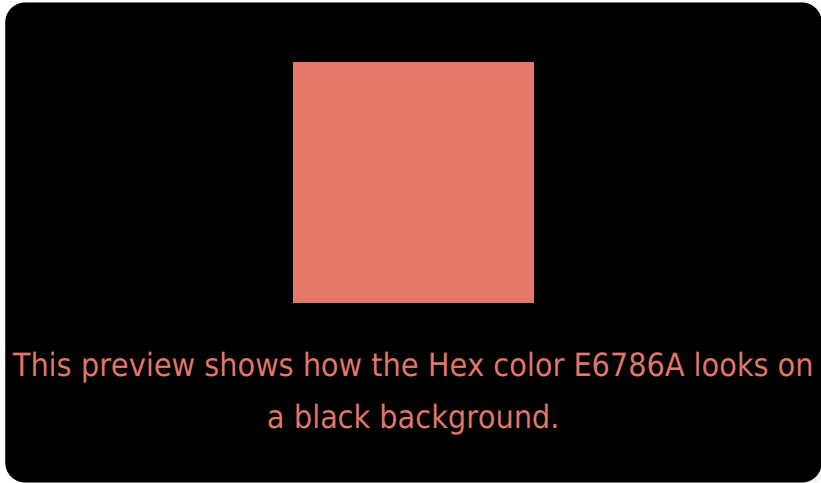
Large Text (above 18pt) WCAG AA × Fail

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 E6786A Background



This preview shows how black text looks on a background with the Hex color E6786A.

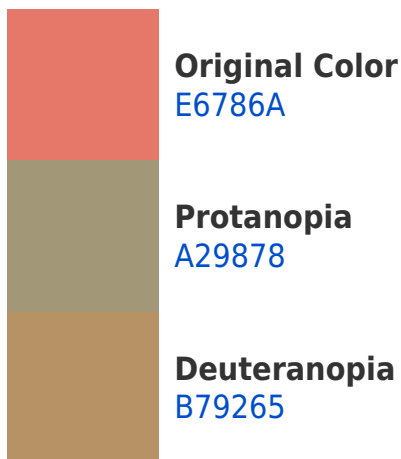


This preview shows how white text looks on a background with the Hex color E6786A.

# 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](#).

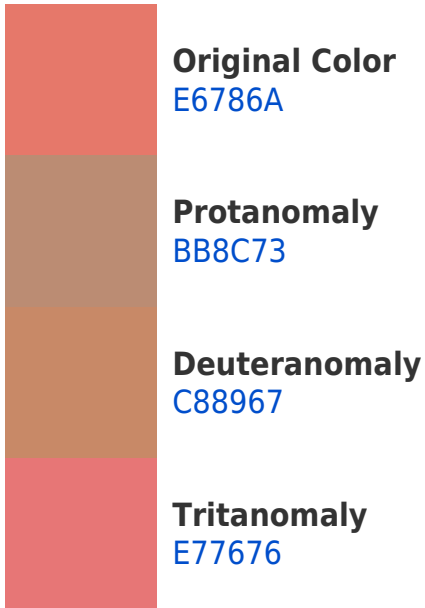
## Dichromacy



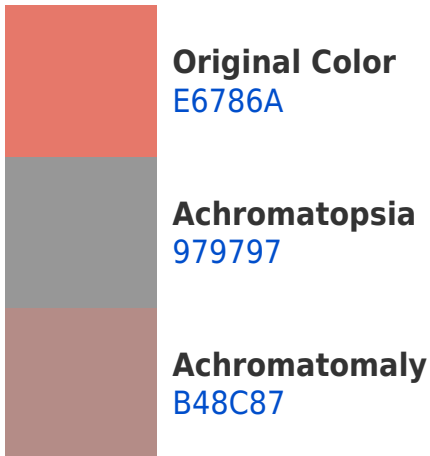


**Tritanopia**  
E7757D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6786A 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 #E6786A looks like.

```
.text, #text, p{  
    color:#E6786A  
}
```

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 #E6786A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6786A
}
```

## Border

The CSS property to change the border of an element to Hex E6786A 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
#E6786A }
```

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

```
.border{ border-color:#E6786A }
```

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

Here you see how a box with a 4 pixel #E6786A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6786A; -webkit-box-shadow:4px 4px  
4px 4px #E6786A; box-shadow:4px 4px 4px  
4px #E6786A }
```

# Background

The CSS property to change the background color of an element to Hex E6786A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6786A }
```

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

```
.background{ background-color:#E6786A }
```

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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