

# Converting Colors

Hex(E7E76C)

Have a look what the booklet for  
Hex(E7E76C) contains.

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# **Color**

**Hex(E7E76C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7E76C
RGB	231, 231, 108
RGB Percent	91%, 91%, 42%
CMY	0.0941, 0.0941, 0.5765
CMYK	0.00, 0.00, 0.53, 0.09
HSL	60°, 72%, 66%
HSV	60°, 53%, 91%
XYZ	64.2377, 75.2235, 25.3213
YIQ	216.9780, 39.4830, -38.2530

# Conversions

## Conversions Part 2

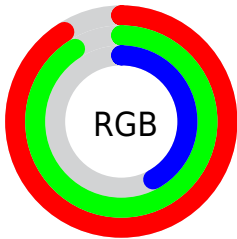
Format	Color
<a href="#">RYB</a>	<a href="#">108, 231, 108</a>
Decimal	<a href="#">15198060</a>
CIELab	<a href="#">89.50, -15.94, 58.90</a>
CIELCh	<a href="#">89, 61.022, 105.146</a>
Yxy	<a href="#">75.2235, 0.3898, 0.4565</a>
Android (android.graphics.Color)	<a href="#">4293388140 (0xFFE7E76C)</a>
YUV	<a href="#">216.9780, -53.7262, 12.2973</a>
Hunter-Lab	<a href="#">86.7315, -19.5740, 43.4023</a>

# Details

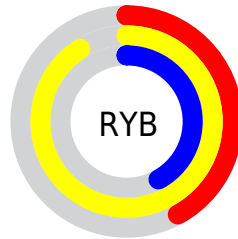
The Hex color **E7E76C** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6C6CE7**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFA3**, and **ADB036** is the 20% darker color. If you saturate the color by 10%, you get **E7E755**, and if you desaturate by 10%, it is **E7E783**.

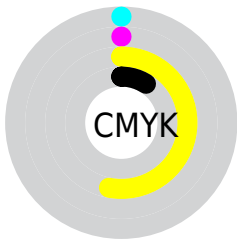
# Distribution



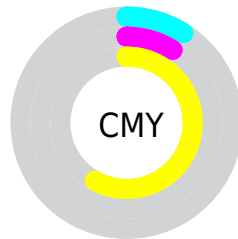
- Red (91%)
- Green (91%)
- Blue (42%)



- Red (42%)
- Yellow (91%)
- Blue (42%)



- Cyan (0%)
- Magenta (0%)
- Yellow (53%)
- Black (9%)



- Cyan (9%)
- Magenta (9%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7E76C 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 E7E76C by changing the saturation by 10% instead.



 E7E76C

 E7E76C

FFFFFF

 CACB51

 FFFFA3

 ADB036

 FFFFBF

 919517

 FFFFDB

 757B00

 FFFFF9

 5A6300

 404B00

 263400

 0B1F00

 000000

 E7E76C

 E7E76C

 E7E755

 E7E783

 E7E73E

 E7E79A

 E7E727

 E7E7B1

 E7E710

 E7E7C8

 E7E700

 E7E7E0

 E7E7F7

 E7E7FF

# Harmonies

## Analogous

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



FFD36F



E7E76C



A5F58C

# Triad

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



E7E76C



00FBFF



FFB4FF

# Complementary

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



E7E76C



6C6CE7

# 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.



FFC6FF



E7E76C



00EFFF

# Square

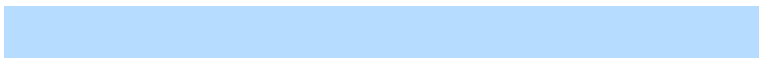
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E7E76C



00FFFE



B6DDFF



FFB1C5

# Rectangle

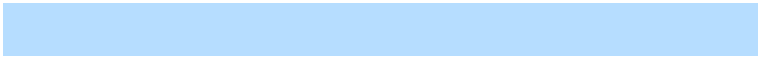
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E7E76C



6DFBAE



B6DDFF



FFB9FF



# Sweetspot

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



E7E76C



FFFFD6



E76C6C



808067



000000



808080



# Same Dimension

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



E7E76C



FFFF5C



AAE76C



737367



B3B300



333300



# Inverse Universe

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



6C6CE7



5C5CFF



AA6CE7



676773



0000B3

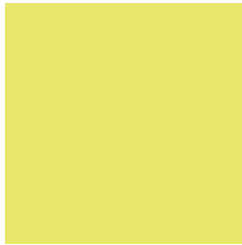


000033



# Previews

## White Background



This preview shows how the Hex color E7E76C looks on a white background.

## Color Contrast Check

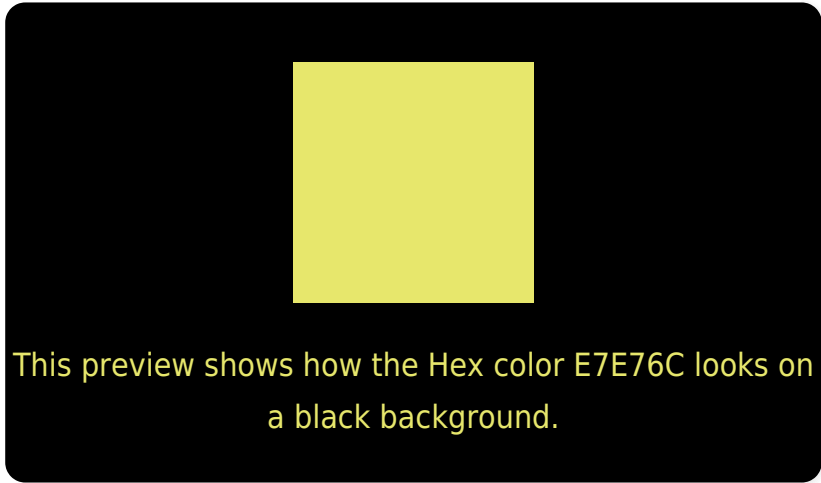
Large Text (above 18pt) WCAG AA × Fail

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 E7E76C Background



This preview shows how black text looks on a background with the Hex color E7E76C.

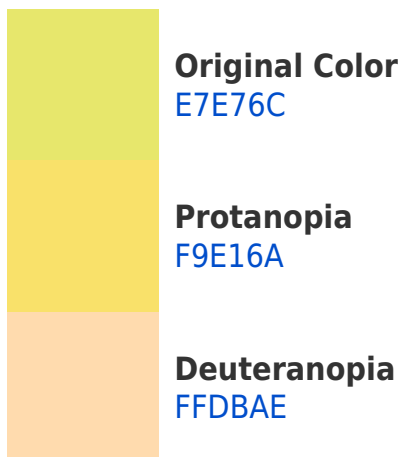


This preview shows how white text looks on a background with the Hex color E7E76C.

# 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](#).

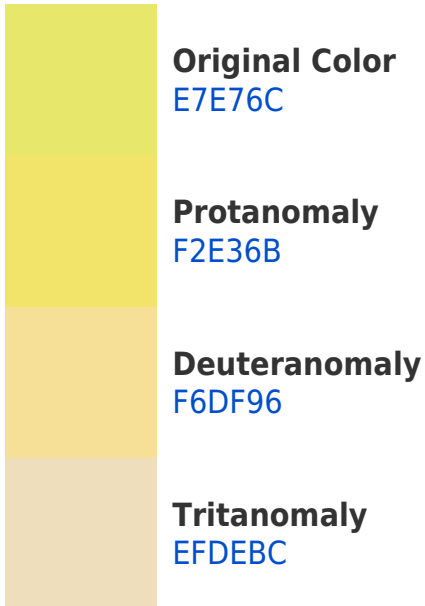
## Dichromacy





**Tritanopia**  
F4D9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7E76C 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 #E7E76C looks like.

```
.text, #text, p{  
    color:#E7E76C  
}
```

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 #E7E76C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7E76C
}
```

## Border

The CSS property to change the border of an element to Hex E7E76C 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
#E7E76C }
```

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

```
.border{ border-color:#E7E76C }
```

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

Here you see how a box with a 4 pixel #E7E76C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7E76C; -webkit-box-shadow:4px 4px  
4px 4px #E7E76C; box-shadow:4px 4px 4px  
4px #E7E76C }
```

# Background

The CSS property to change the background color of an element to Hex E7E76C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7E76C }
```

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

```
.background{ background-color:#E7E76C }
```

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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