

# Converting Colors

Hex(E7E957)

Have a look what the booklet for  
Hex(E7E957) contains.

<b>Hex(E7E957)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(E7E957)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7E957
RGB	231, 233, 87
RGB Percent	91%, 91%, 34%
CMY	0.0941, 0.0863, 0.6588
CMYK	0.01, 0.00, 0.63, 0.09
HSL	61°, 77%, 63%
HSV	61°, 63%, 91%
XYZ	63.8142, 75.9549, 20.3142
YIQ	215.7580, 45.6740, -45.8300

# Conversions

## Conversions Part 2

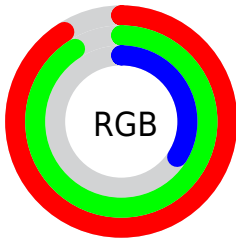
Format	Color
<a href="#">RYB</a>	<a href="#">87, 233, 89</a>
Decimal	<a href="#">15198551</a>
CIELab	<a href="#">89.84, -18.38, 68.20</a>
CIELCh	<a href="#">90, 70.631, 105.083</a>
Yxy	<a href="#">75.9549, 0.3986, 0.4745</a>
Android (android.graphics.Color)	<a href="#">4293388631 (0xFFE7E957)</a>
YUV	<a href="#">215.7580, -63.4777, 13.3672</a>
Hunter-Lab	<a href="#">87.1521, -21.8155, 47.1866</a>

# Details

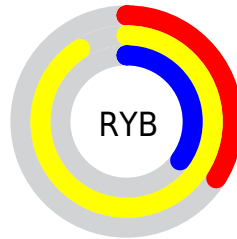
The Hex color **E7E957** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **5957E9**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFF8F**, and **ACB218** is the 20% darker color. If you saturate the color by 10%, you get **E7E940**, and if you desaturate by 10%, it is **E7E96E**.

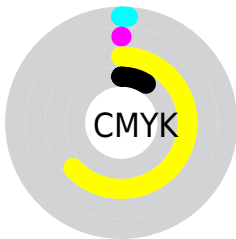
# Distribution



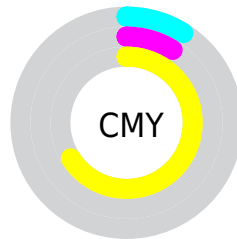
- Red (91%)
- Green (91%)
- Blue (34%)



- Red (34%)
- Yellow (91%)
- Blue (35%)



- Cyan (1%)
- Magenta (0%)
- Yellow (63%)
- Black (9%)



- Cyan (9%)
- Magenta (9%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7E957 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 E7E957 by changing the saturation by 10% instead.



 E7E957

 E7E957

FFFFFF

 C9CD3A

 FFFF8F

 ACB218

 FFFFAB

 909700

 FFFFC8

 747D00

 FFFF E5

 596400

 3D4D00

 233600

 072100

 000000

 E7E957

 E7E957

 E7E940

 E7E96E

 E6E928

 E8E986

 E6E911

 E8E99D

 E6E900

 E8E9B4

 E9E9CB

 E9E9E3

 E9E9FA

 EAE9FF

# Harmonies

## Analogous

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



FFD25B



E7E957



9BF97E

# Triad

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



E7E957



00FFFF



FFABFF

# Complementary

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



E7E957



5957E9

# 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.



FFC2FF



E7E957



00F3FF

# Square

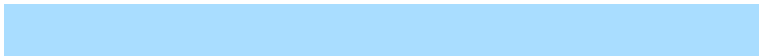
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E7E957



00FFFF



A9DDFF



FFA7C2

# Rectangle

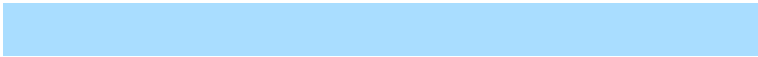
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E7E957



4EFA6



A9DDFF



FFB1FF



# Sweetspot

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



E7E957



FEFFCF



E95757



7F8062



000000



808080



# Same Dimension

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



E7E957



FCFF40



A0E957



75756A



B3B500



353600



# Inverse Universe

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



5957E9



4240FF



A057E9



6A6A75



0200B5

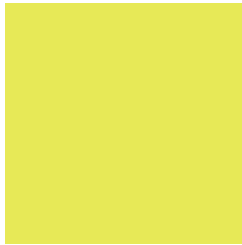


010036



# Previews

## White Background



This preview shows how the Hex color E7E957 looks on a white background.

## Color Contrast Check

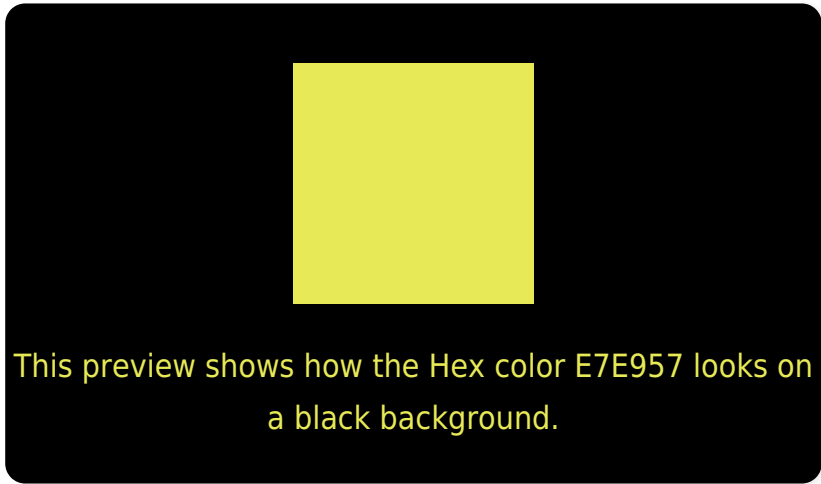
Large Text (above 18pt) WCAG AA × Fail

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 E7E957 Background



This preview shows how black text looks on a background with the Hex color E7E957.

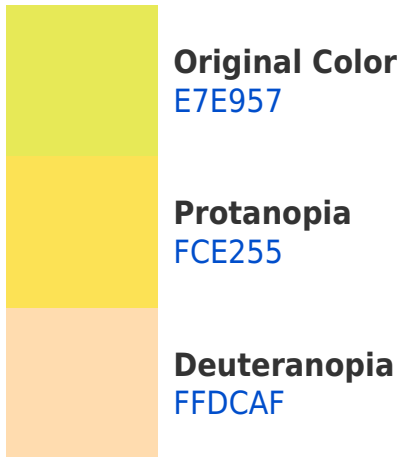


This preview shows how white text looks on a background with the Hex color E7E957.

# 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](#).

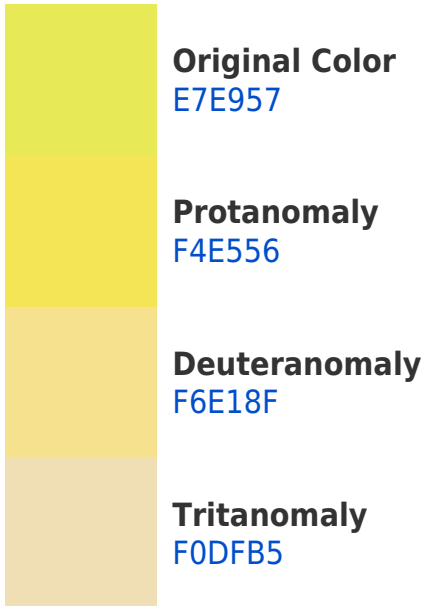
## Dichromacy



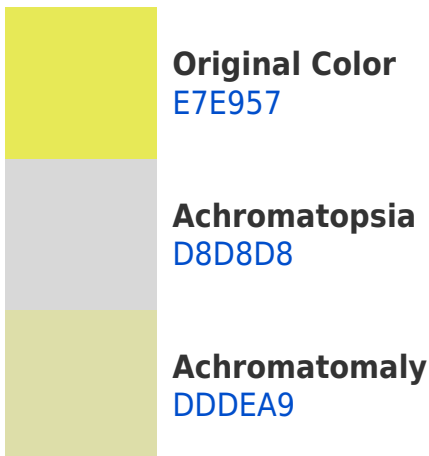


**Tritanopia**  
F5DAEB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7E957 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 #E7E957 looks like.

```
.text, #text, p{  
    color:#E7E957  
}
```

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 #E7E957 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7E957
}
```

## Border

The CSS property to change the border of an element to Hex E7E957 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
#E7E957 }
```

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

```
.border{ border-color:#E7E957 }
```

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

Here you see how a box with a 4 pixel #E7E957 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7E957; -webkit-box-shadow:4px 4px  
4px 4px #E7E957; box-shadow:4px 4px 4px  
4px #E7E957 }
```

# Background

The CSS property to change the background color of an element to Hex E7E957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7E957 }
```

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

```
.background{ background-color:#E7E957 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor