

# Converting Colors

Hex(E9EB76)

Have a look what the booklet for  
Hex(E9EB76) contains.

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# **Color**

**Hex(E9EB76)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9EB76
RGB	233, 235, 118
RGB Percent	91%, 92%, 46%
CMY	0.0863, 0.0784, 0.5373
CMYK	0.01, 0.00, 0.50, 0.08
HSL	61°, 75%, 69%
HSV	61°, 50%, 92%
XYZ	66.5826, 78.0483, 28.6951
YIQ	221.0640, 36.3650, -36.8110

# Conversions

## Conversions Part 2

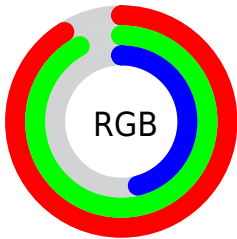
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 235, 120
Decimal	15330166
CIE <sub>Lab</sub>	90.80, -16.29, 55.91
CIE <sub>LCh</sub>	91, 58.239, 106.243
Yxy	78.0483, 0.3841, 0.4503
Android (android.graphics.Color)	4293520246 (0xFFE9EB76)
YUV	221.0640, -50.8106, 10.4679
Hunter-Lab	88.3450, -20.0742, 42.5836

# Details

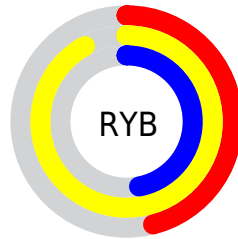
The Hex color **E9EB76** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **7876EB**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFAD**, and **AFB341** is the 20% darker color. If you saturate the color by 10%, you get **E9EB5F**, and if you desaturate by 10%, it is **E9EB8E**.

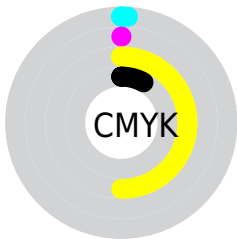
# Distribution



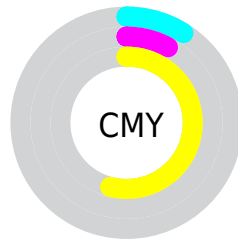
- Red (91%)
- Green (92%)
- Blue (46%)



- Red (46%)
- Yellow (92%)
- Blue (47%)



- Cyan (1%)
- Magenta (0%)
- Yellow (50%)
- Black (8%)



- Cyan (9%)
- Magenta (8%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9EB76 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 E9EB76 by changing the saturation by 10% instead.



 E9EB76

FFFFFF

 FFFFAD

 FFFFC9

 FFFFEE

 E9EB76

 CCCF5B

 AFB341

 939925

 787F00

 5D6600

 434E00

 293700

 102200

 000500

 E9EB76

 E9EB76

 E9EB5F

 E9EB8E

 E8EB47

 EAEBA5

 E8EB30

 EAEBBD

 E7EB18

 EBEBD4

 E7EB00

 EBEBEC

 EBEBFF

 ECEBFF

 EDEBFF

# Harmonies

## Analogous

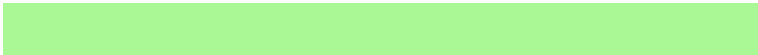
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD877



E9EB76



AAF895

# Triad

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



E9EB76



00DFFF



FFBAFF

# Complementary

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



E9EB76



7876EB

# 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.



FFCAFF



E9EB76



3DF2FF

# Square

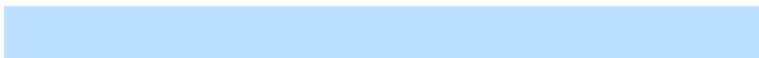
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E9EB76



00FFFF



C0E0FF



FFB8C8

# Rectangle

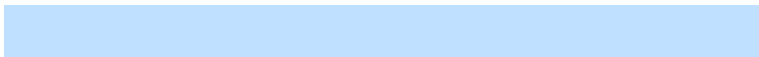
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E9EB76



76FEB6



C0E0FF



FFBEFF



# Sweetspot

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



E9EB76



FEFFD9



EB7876



7F8069



000000



808080



# Same Dimension

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



E9EB76



FCFF66



AFE876



75756A



B2B500



353600



# Inverse Universe

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



7876EB



6966FF



B276EB



6A6A75



0300B5

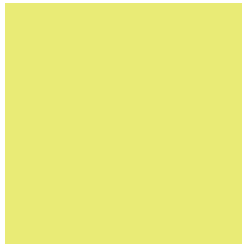


010036



# Previews

## White Background



This preview shows how the Hex color E9EB76 looks on a white background.

## Color Contrast Check

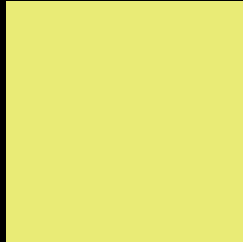
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color E9EB76 looks on a 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 E9EB76 Background



This preview shows how black text looks on a background with the Hex color E9EB76.

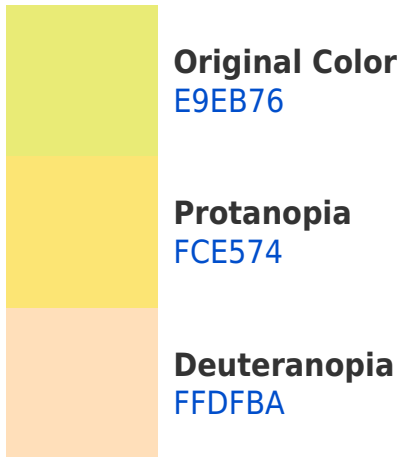


This preview shows how white text looks on a background with the Hex color E9EB76.

# 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](#).

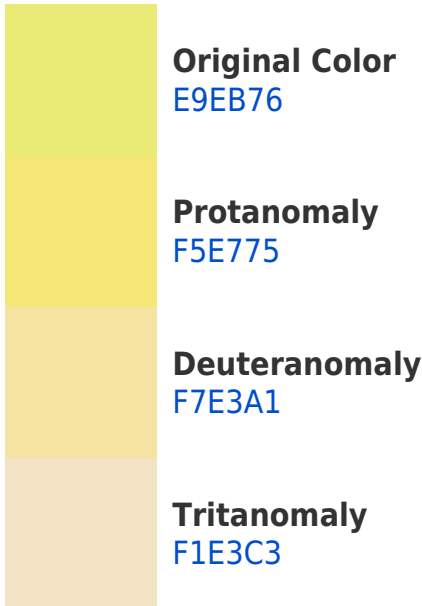
## Dichromacy





**Tritanopia**  
F6DEEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9EB76 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 #E9EB76 looks like.

```
.text, #text, p{  
    color:#E9EB76  
}
```

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 #E9EB76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9EB76
}
```

## Border

The CSS property to change the border of an element to Hex E9EB76 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
#E9EB76 }
```

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

```
.border{ border-color:#E9EB76 }
```

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

Here you see how a box with a 4 pixel #E9EB76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9EB76; -webkit-box-shadow:4px 4px  
4px 4px #E9EB76; box-shadow:4px 4px 4px  
4px #E9EB76 }
```

# Background

The CSS property to change the background color of an element to Hex E9EB76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9EB76 }
```

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

```
.background{ background-color:#E9EB76 }
```

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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