

Converting Colors

Hex(E8CE66)

Have a look what the booklet for
Hex(E8CE66) contains.

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Color

Hex(E8CE66)

Conversions

Conversions Part 1

Format	Color
Hex	E8CE66
RGB	232, 206, 102
RGB Percent	91%, 81%, 40%
CMY	0.0902, 0.1922, 0.6000
CMYK	0.00, 0.11, 0.56, 0.09
HSL	48°, 74%, 65%
HSV	48°, 56%, 91%
XYZ	57.7483, 62.2577, 21.5437
YIQ	201.9180, 48.8800, -26.8320

Conversions

Conversions Part 2

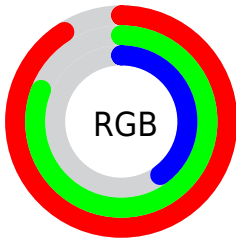
Format	Color
RYB	135, 232, 102
Decimal	15257190
CIELab	83.05, -3.46, 54.23
CIELCh	83, 54.344, 93.647
Yxy	62.2577, 0.4080, 0.4398
Android (android.graphics.Color)	4293447270 (0xFFE8CE66)
YUV	201.9180, -49.2596, 26.3819
Hunter-Lab	78.9036, -7.4399, 39.0441

Details

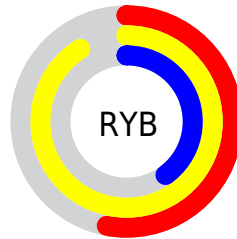
The Hex color **E8CE66** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6680E8**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFF9C**, and **AE9831** is the 20% darker color. If you saturate the color by 10%, you get **E8C94F**, and if you desaturate by 10%, it is **E8D37D**.

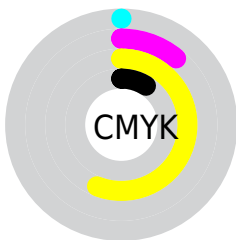
Distribution



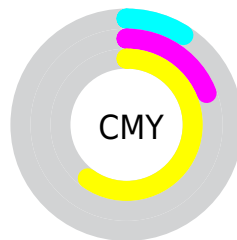
- Red (91%)
- Green (81%)
- Blue (40%)



- Red (53%)
- Yellow (91%)
- Blue (40%)



- Cyan (0%)
- Magenta (11%)
- Yellow (56%)
- Black (9%)



- Cyan (9%)
- Magenta (19%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color E8CE66 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 E8CE66 by changing the saturation by 10% instead.

 E8CE66

 E8CE66

FFFFFF

 CBB34C

 FFFF9C

 AE9831

 FFFFB7

 917E14

 FFFF D4

 766500

 FFFFF1

 5B4E00

 403700

 272200

 080D00

 000000

 E8CE66

 E8CE66

 E8C94F

 E8D37D

 E8C538

 E8D794

 E8C020

 E8DCAC

 E8BB09

 E8E1C3

 E8BA00

 E8E5DA

 E8EAF1

 E8EEFF

 E8F3FF

 E8F8FF

Harmonies

Analogous

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



FFBC74



E8CE66



B3DC77

Triad

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



E8CE66



00E8FF



FFA0FD

Complementary

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



E8CE66



6680E8

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.



DBBFFF



E8CE66



00E0FF

Square

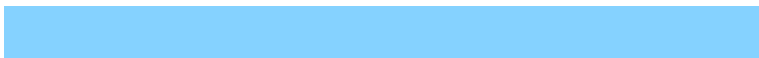
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E8CE66



00E9D4



85D2FF



FFA4CB

Rectangle

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



E8CE66



89E390



85D2FF



FFB2FF

Sweetspot

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



E8CE66



FFF6D4



E86680



807A66



000000



808080

Same Dimension

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



E8CE66



FFDD54



C1E866



737067



B38F00



332900

Inverse Universe

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



6680E8



5476FF



8D66E8



676A73



0024B3



000A33

Previews

White Background



This preview shows how the Hex color E8CE66 looks on a white background.

Color Contrast Check

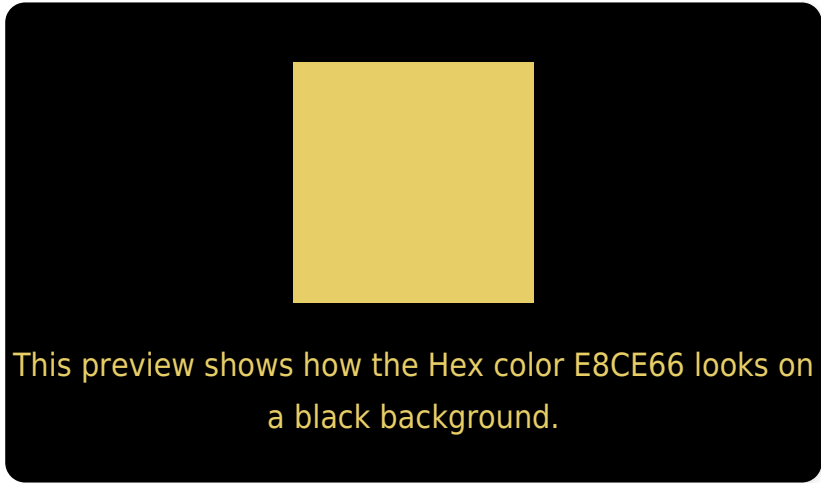
Large Text (above 18pt) WCAG AA × Fail

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 E8CE66 Background



This preview shows how black text looks on a background with the Hex color E8CE66.



This preview shows how white text looks on a background with the Hex color E8CE66.

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](#).

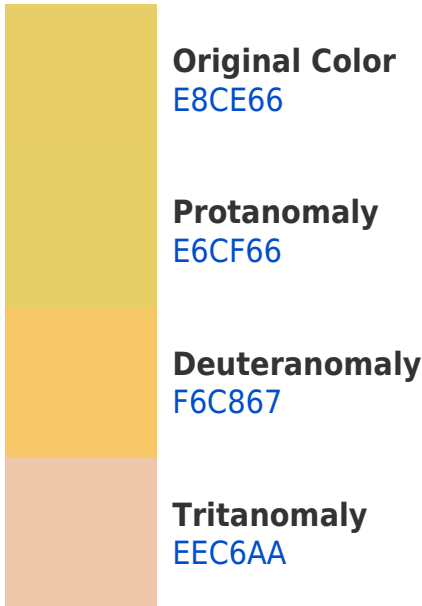
Dichromacy



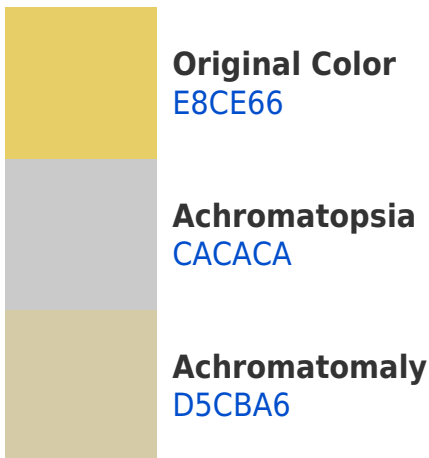


Tritanopia
F2C2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E8CE66 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 #E8CE66 looks like.

```
.text, #text, p{  
    color:#E8CE66  
}
```

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 #E8CE66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8CE66  
}
```

Border

The CSS property to change the border of an element to Hex E8CE66 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  
#E8CE66 }
```

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

```
.border{ border-color:#E8CE66 }
```

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

Here you see how a box with a 4 pixel #E8CE66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8CE66; -webkit-box-shadow:4px 4px  
4px 4px #E8CE66; box-shadow:4px 4px 4px  
4px #E8CE66 }
```

Background

The CSS property to change the background color of an element to Hex E8CE66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8CE66 }
```

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

```
.background{ background-color:#E8CE66 }
```

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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