

Converting Colors

Hex(E8C955)

Have a look what the booklet for
Hex(E8C955) contains.

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Color

Hex(E8C955)

Conversions

Conversions Part 1

Format	Color
Hex	E8C955
RGB	232, 201, 85
RGB Percent	91%, 79%, 33%
CMY	0.0902, 0.2118, 0.6667
CMYK	0.00, 0.13, 0.63, 0.09
HSL	47°, 76%, 62%
HSV	47°, 63%, 91%
XYZ	55.8050, 59.5850, 17.1541
YIQ	197.0450, 55.7120, -29.5040

Conversions

Conversions Part 2

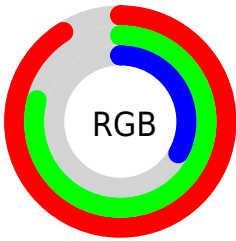
Format	Color
RYB	124, 232, 85
Decimal	15255893
CIELab	81.61, -2.06, 60.28
CIELCh	82, 60.313, 91.959
Yxy	59.5850, 0.4210, 0.4495
Android (android.graphics.Color)	4293445973 (0xFFE8C955)
YUV	197.0450, -55.2382, 30.6555
Hunter-Lab	77.1913, -6.0391, 40.8580

Details

The Hex color **E8C955** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5574E8**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFF8B**, and **AD931C** is the 20% darker color. If you saturate the color by 10%, you get **E8C43E**, and if you desaturate by 10%, it is **E8CE6C**.

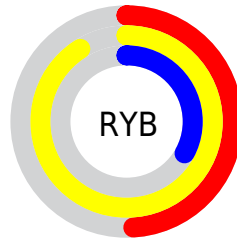
Distribution



Red (91%)

Green (79%)

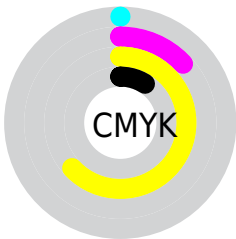
Blue (33%)



Red (49%)

Yellow (91%)

Blue (33%)

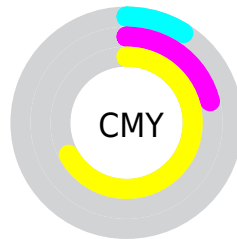


Cyan (0%)

Magenta (13%)

Yellow (63%)

Black (9%)



Cyan (9%)

Magenta (21%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color E8C955 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 E8C955 by changing the saturation by 10% instead.

 E8C955

 E8C955

FFFFFF

 CAAE3A

 FFFF8B

 AD931C

 FFFFA7

 907A00

 FFFFC3

 746100

 FFFFEO

 594A00

FFFFFFD

 3E3400

 251F00

 040700

 000000

 E8C955

 E8C955

 E8C43E

 E8CE6C

 E8BF27

 E8D383

 E8BA0F

 E8D89B

 E8B700

 E8DDB2

 E8E1C9

 E8E6E0

 E8EBF7

 E8F0FF

 E8F5FF

Harmonies

Analogous

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



FFB467



E8C955



AED967

Triad

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



E8C955



00E6FF



FFA5FF

Complementary

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



E8C955



5574E8

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.



D3BBFF



E8C955



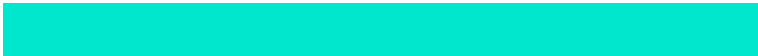
00DEFF

Square

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



E8C955



00E7CD



67D0FF



FF9AC9

Rectangle

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



E8C955



7FE082



67D0FF



FFACFF

Sweetspot

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



E8C955



FFF5CF



E85575



807962



000000



808080

Same Dimension

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



E8C955



FFD63D



BEE855



737067



B38D00



332800

Inverse Universe

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



5574E8



3D66FF



7F55E8



676A73



0026B3



000B33

Previews

White Background



This preview shows how the Hex color E8C955 looks on a white background.

Color Contrast Check

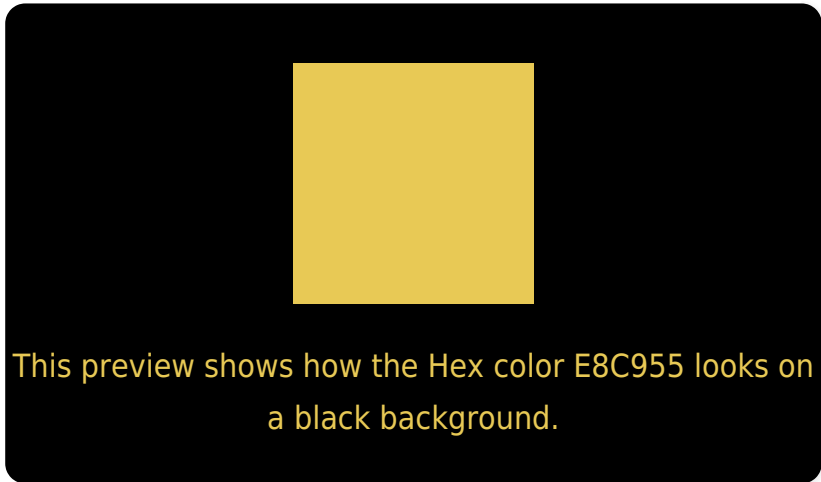
Large Text (above 18pt) WCAG AA × Fail

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 E8C955 Background



This preview shows how black text looks on a background with the Hex color E8C955.

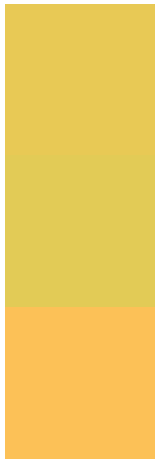


This preview shows how white text looks on a background with the Hex color E8C955.

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



Original Color
E8C955

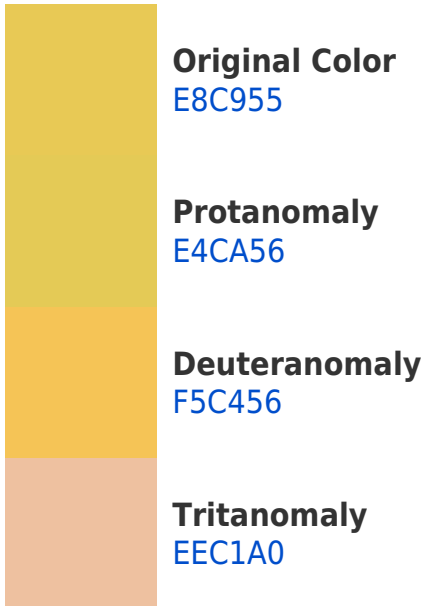
Protanopia
E2CB56

Deuteranopia
FCC157

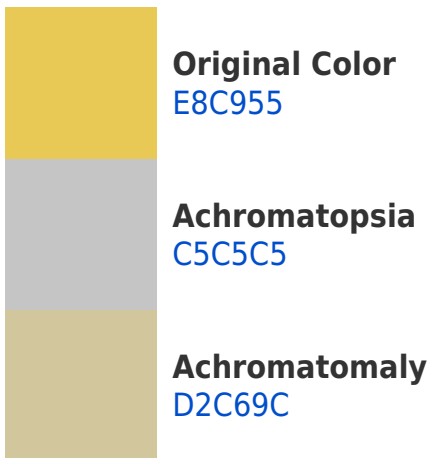


Tritanopia
F2BDCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E8C955 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 #E8C955 looks like.

```
.text, #text, p{  
    color:#E8C955  
}
```

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 #E8C955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8C955
}
```

Border

The CSS property to change the border of an element to Hex E8C955 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
#E8C955 }
```

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

```
.border{ border-color:#E8C955 }
```

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

Here you see how a box with a 4 pixel #E8C955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8C955; -webkit-box-shadow:4px 4px  
4px 4px #E8C955; box-shadow:4px 4px 4px  
4px #E8C955 }
```

Background

The CSS property to change the background color of an element to Hex E8C955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8C955 }
```

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

```
.background{ background-color:#E8C955 }
```

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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