

# Converting Colors

Hex(E8C373)

Have a look what the booklet for  
Hex(E8C373) contains.

<b>Hex(E8C373)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(E8C373)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8C373
RGB	232, 195, 115
RGB Percent	91%, 76%, 45%
CMY	0.0902, 0.2353, 0.5490
CMYK	0.00, 0.16, 0.50, 0.09
HSL	41°, 72%, 68%
HSV	41°, 50%, 91%
XYZ	55.8883, 57.4238, 24.3579
YIQ	196.9430, 47.7320, -17.0360

# Conversions

## Conversions Part 2

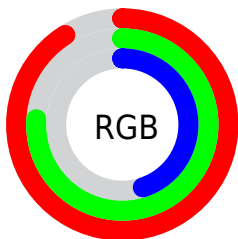
Format	Color
<a href="#">RYB</a>	<a href="#">169, 232, 115</a>
Decimal	<a href="#">15254387</a>
CIELab	<a href="#">80.42, 3.30, 44.83</a>
CIELCh	<a href="#">80, 44.947, 85.795</a>
Yxy	<a href="#">57.4238, 0.4060, 0.4171</a>
Android (android.graphics.Color)	<a href="#">4293444467 (0xFFE8C373)</a>
YUV	<a href="#">196.9430, -40.3979, 30.7450</a>
Hunter-Lab	<a href="#">75.7785, -0.9647, 33.9870</a>

# Details

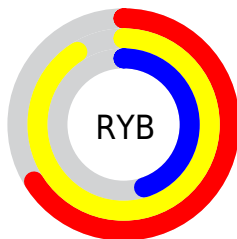
The Hex color **E8C373** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7398E8**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFBA8**, and **AE8E40** is the 20% darker color. If you saturate the color by 10%, you get **E8BC5C**, and if you desaturate by 10%, it is **E8CA8A**.

# Distribution



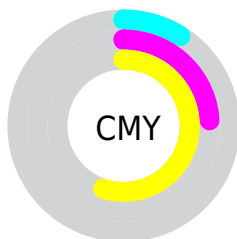
- Red (91%)
- Green (76%)
- Blue (45%)



- Red (66%)
- Yellow (91%)
- Blue (45%)



- Cyan (0%)
- Magenta (16%)
- Yellow (50%)
- Black (9%)



- Cyan (9%)
- Magenta (24%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8C373 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 E8C373 by changing the saturation by 10% instead.



 E8C373

 E8C373

FFFFFF

 CBA859

 FFFBA8

 AE8E40

 FFFFC4

 927427

 FFFFEO

 765C0C

FFFFFFD

 5C4400

 422E00

 281A00

 0B0000

 000000

 E8C373

 E8C373

 E8BC5C

 E8CA8A

 E8B445

 E8D2A1

 E8AD2D

 E8D9B9

 E8A616

 E8E0D0

 E89F00

 E8E8E7

 E8EFFE

 E8F6FF

 E8FEFF

 E8FFFF

# Harmonies

## Analogous

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



FFB483



E8C373



BED07A

# Triad

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



E8C373



00DDEB



F7B0F7

# Complementary

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



E8C373



7398E8

# 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.



C3BFFF



E8C373



1CD8FF

# Square

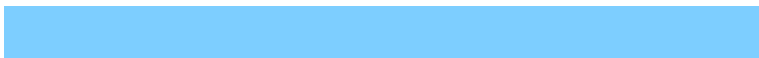
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E8C373



50DDC0



7DCEFF



FFA7CF

# Rectangle

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



E8C373



9DD68B



7DCEFF



E8B4FF



# Sweetspot

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



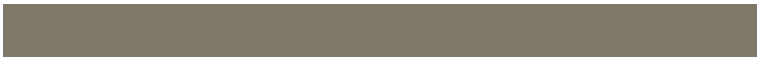
E8C373



FFF3D9



E87398



807869



000000



808080



# Same Dimension

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



E8C373



FFCE63



D3E873



736F67



B37A00



332300



# Inverse Universe

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



7398E8



6395FF



8873E8



676B73



0038B3



001033



# Previews

## White Background



This preview shows how the Hex color E8C373 looks on a white background.

## Color Contrast Check

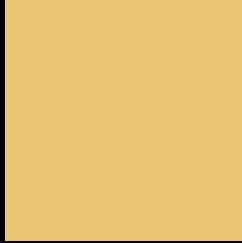
Large Text (above 18pt) WCAG AA × Fail

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 E8C373 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

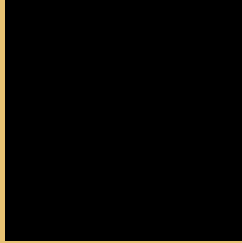
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E8C373 Background



This preview shows how black text looks on a background with the Hex color E8C373.

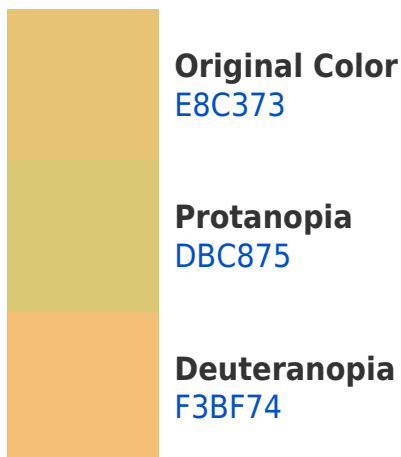


This preview shows how white text looks on a background with the Hex color E8C373.

# 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](#).

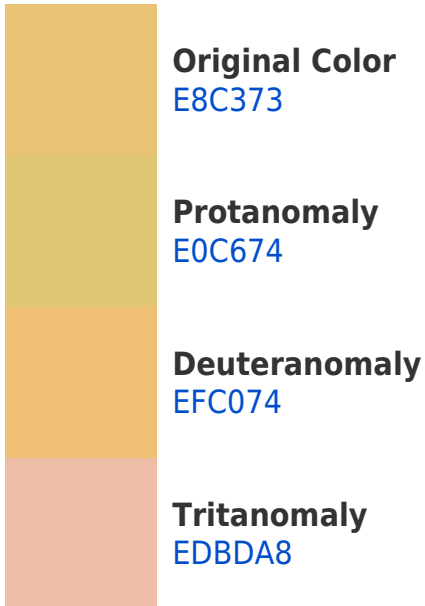
## Dichromacy



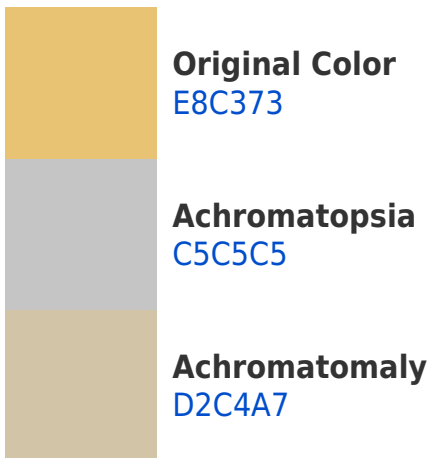


**Tritanopia**  
F0B9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8C373 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 #E8C373 looks like.

```
.text, #text, p{  
    color:#E8C373  
}
```

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 #E8C373 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8C373
}
```

## Border

The CSS property to change the border of an element to Hex E8C373 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
#E8C373 }
```

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

```
.border{ border-color:#E8C373 }
```

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

Here you see how a box with a 4 pixel #E8C373 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8C373; -webkit-box-shadow:4px 4px  
4px 4px #E8C373; box-shadow:4px 4px 4px  
4px #E8C373 }
```

# Background

The CSS property to change the background color of an element to Hex E8C373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8C373 }
```

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

```
.background{ background-color:#E8C373 }
```

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