

Converting Colors

Hex(EEC865)

Have a look what the booklet for
Hex(EEC865) contains.

Hex(EEC865)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EEC865)

Conversions

Conversions Part 1

Format	Color
Hex	EEC865
RGB	238, 200, 101
RGB Percent	93%, 78%, 40%
CMY	0.0667, 0.2157, 0.6039
CMYK	0.00, 0.16, 0.58, 0.07
HSL	43°, 80%, 66%
HSV	43°, 58%, 93%
XYZ	58.2631, 60.4253, 20.9044
YIQ	200.0760, 54.4270, -22.7330

Conversions

Conversions Part 2

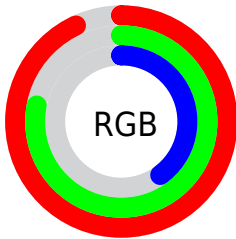
Format	Color
RYB	154, 238, 101
Decimal	15648869
CIELab	82.07, 2.03, 53.71
CIElCh	82, 53.745, 87.837
Yxy	60.4253, 0.4174, 0.4329
Android (android.graphics.Color)	4293838949 (0xFFEEC865)
YUV	200.0760, -48.8445, 33.2593
Hunter-Lab	77.7337, -2.2443, 38.4692

Details

The Hex color **EEC865** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **658BEE**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFF99B**, and **B39231** is the 20% darker color. If you saturate the color by 10%, you get **EEC14D**, and if you desaturate by 10%, it is **EECF7D**.

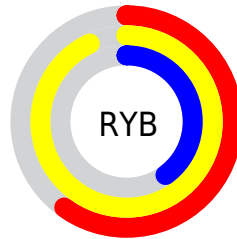
Distribution



Red (93%)

Green (78%)

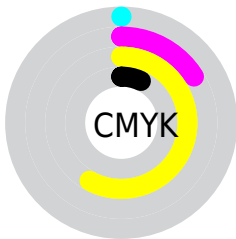
Blue (40%)



Red (60%)

Yellow (93%)

Blue (40%)

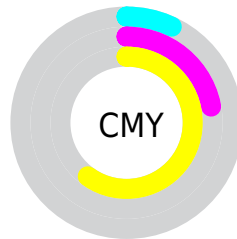


Cyan (0%)

Magenta (16%)

Yellow (58%)

Black (7%)



Cyan (7%)

Magenta (22%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color EEC865 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 EEC865 by changing the saturation by 10% instead.

 EEC865

 EEC865

FFFFFF

 D0AD4B

 FFFF9B

 B39231

 FFFFB6

 977914

 FFFF D2

 7A6000

 FFFF EF

 604900

 443300

 2B1E00

 100600

 000000

 EEC865

 EEC865

 EEC14D

 EECF7D

 EEBB35

 EED595

 EEB41E

 EEDCAC

 EEAE06

 EEE2C4

 EEAC00

 EEE9DC

 EEF0F4

 EEF6FF

 EEFDFF

 EEEFFF

Harmonies

Analogous

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



FFB678



EEC865



BBD770

Triad

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



EEC865



00E5FA



FFAEFF

Complementary

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



EEC865



658BEE

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.



CBC0FF



EEC865



00DFFF

Square

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



EEC865



00E6C7



6ED2FF



FFA3D2

Rectangle

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



EEC865



94DE86



6ED2FF



F6B3FF

Sweetspot

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



EEC865



FFF3D4



EE658C



807866



000000



808080

Same Dimension

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



EEC865



FFCE4F



D0EE65



78756C



B88500



382900

Inverse Universe

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



658BEE



4F80FF



8365EE



6C6F78



0033B8



001038

Previews

White Background



This preview shows how the Hex color EEC865 looks on a white background.

Color Contrast Check

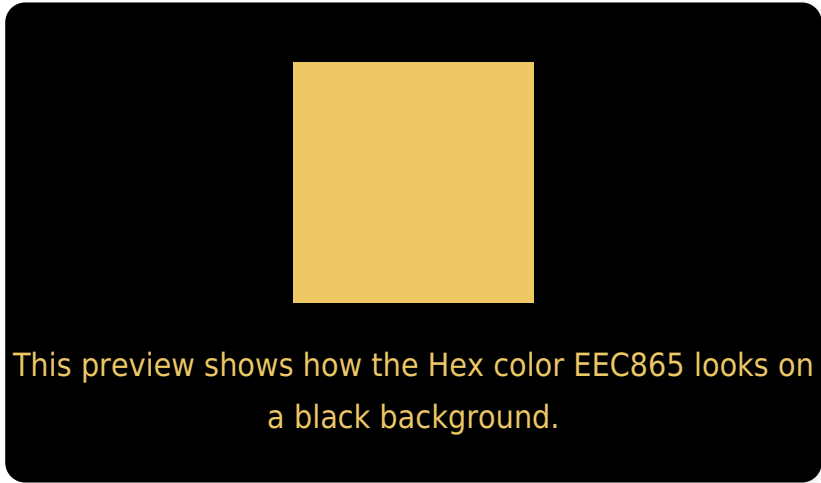
Large Text (above 18pt) WCAG AA × Fail

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 EEC865 Background



This preview shows how black text looks on a background with the Hex color EEC865.



This preview shows how white text looks on a background with the Hex color EEC865.

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
EEC865

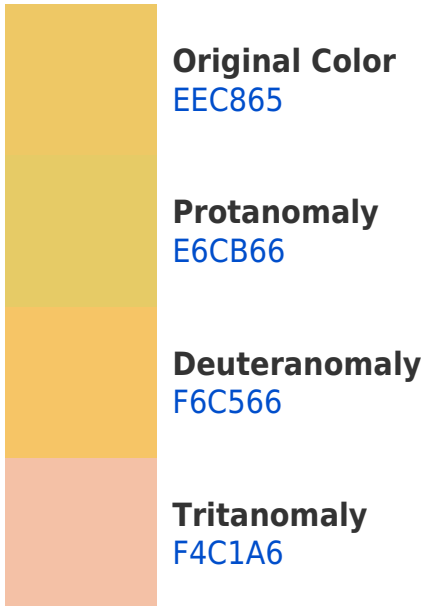
Protanopia
E2CC66

Deuteranopia
FBC366

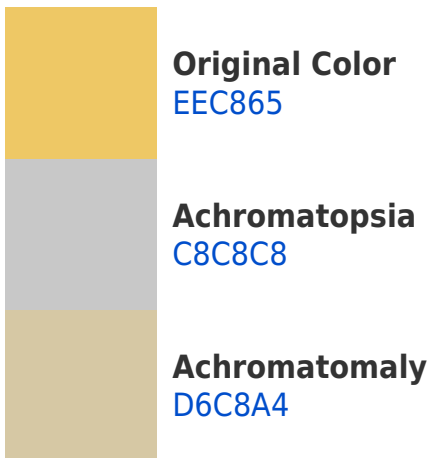


Tritanopia
F7BDCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EEC865 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 #EEC865 looks like.

```
.text, #text, p{  
    color:#EEC865  
}
```

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 #EEC865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEC865  
}
```

Border

The CSS property to change the border of an element to Hex EEC865 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  
#EEC865 }
```

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

```
.border{ border-color:#EEC865 }
```

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

Here you see how a box with a 4 pixel #EEC865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEC865; -webkit-box-shadow:4px 4px  
4px 4px #EEC865; box-shadow:4px 4px 4px  
4px #EEC865 }
```

Background

The CSS property to change the background color of an element to Hex EEC865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEC865 }
```

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

```
.background{ background-color:#EEC865 }
```

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