

Converting Colors

Hex(EEC844)

Have a look what the booklet for
Hex(EEC844) contains.

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Color

Hex(EEC844)

Conversions

Conversions Part 1

Format	Color
Hex	EEC844
RGB	238, 200, 68
RGB Percent	93%, 78%, 27%
CMY	0.0667, 0.2157, 0.7333
CMYK	0.00, 0.16, 0.71, 0.07
HSL	47°, 83%, 60%
HSV	47°, 71%, 93%
XYZ	56.9576, 59.9031, 14.0293
YIQ	196.3140, 65.0200, -32.9960

Conversions

Conversions Part 2

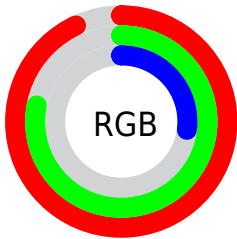
Format	Color
RYB	117, 238, 68
Decimal	15648836
CIELab	81.79, 0.05, 67.58
CIELCh	82, 67.580, 89.955
Yxy	59.9031, 0.4352, 0.4577
Android (android.graphics.Color)	4293838916 (0xFFEEC844)
YUV	196.3140, -63.2588, 36.5586
Hunter-Lab	77.3971, -4.0843, 43.4308

Details

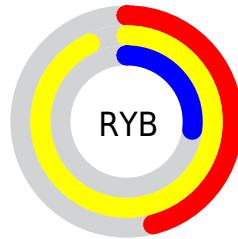
The Hex color **EEC844** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **446AEE**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFF7B**, and **B29200** is the 20% darker color. If you saturate the color by 10%, you get **EEC32C**, and if you desaturate by 10%, it is **EECD5C**.

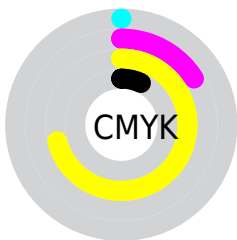
Distribution



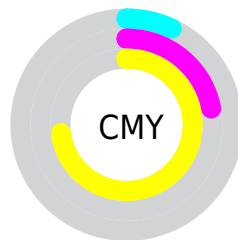
- Red (93%)
- Green (78%)
- Blue (27%)



- Red (46%)
- Yellow (93%)
- Blue (27%)



- Cyan (0%)
- Magenta (16%)
- Yellow (71%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color EEC844 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 EEC844 by changing the saturation by 10% instead.

 EEC844

 EEC844

FFFFFF

 D0AD26

 FFFF7B

 B29200

 FFFF97

 957900

 FFFFB3

 786000

 FFFF00

 5C4900

 FFFFED

 413300

 281E00

 0A0600

 000000

 EEC844

 EEC844

 EEC32C

 EEC5C

 EEBD14

 EED374

 EEB900

 EED88B

 EEDDA3

 EEE3BB

 EEE8D3

 EEDEB

 EEF3FF

 EEF8FF

Harmonies

Analogous

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



FFB05D



EEC844



AEDA57

Triad

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



EEC844



00E9FF



FFA1FF

Complementary

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



EEC844



446AEE

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.



CDBBFF



EEC844



00E2FF

Square

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



EEC844



00EAC9



30D2FF



FF92CE

Rectangle

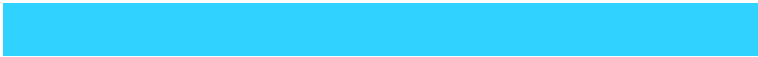
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EEC844



79E276



30D2FF



FFA9FF

Sweetspot

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



EEC844



FFF3C9



EE446C



807860



000000



808080

Same Dimension

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



EEC844



FFCE24



C1EE44



78756C



B88F00



382C00

Inverse Universe

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



446AEE



2455FF



7144EE



6C6F78



0029B8



000D38

Previews

White Background



This preview shows how the Hex color EEC844 looks on a white background.

Color Contrast Check

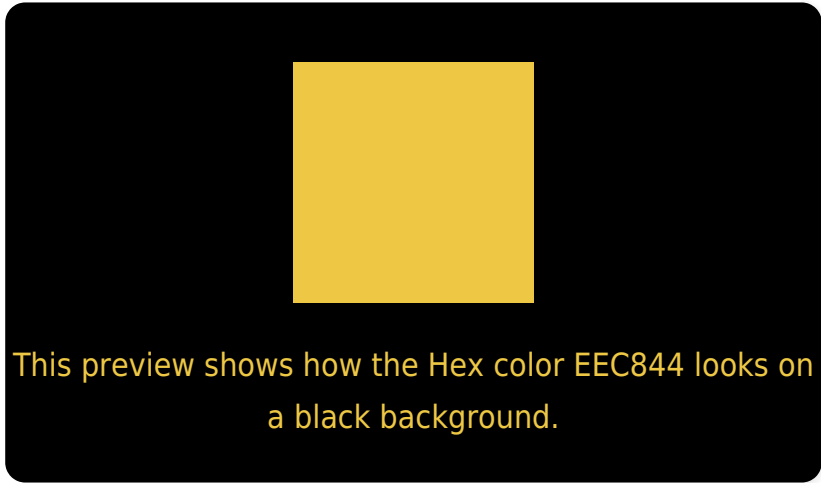
Large Text (above 18pt) WCAG AA × Fail

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 EEC844 Background



This preview shows how black text looks on a background with the Hex color EEC844.

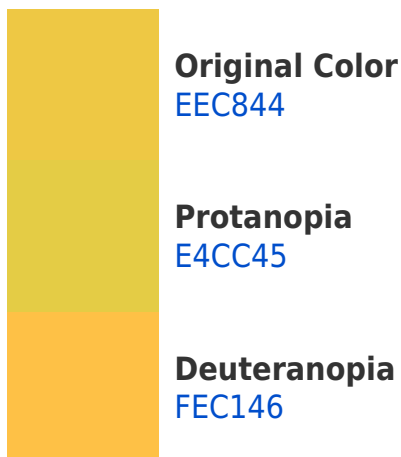


This preview shows how white text looks on a background with the Hex color EEC844.

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](#).

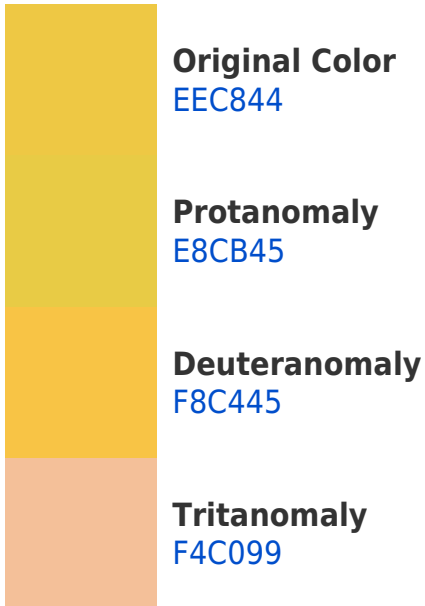
Dichromacy



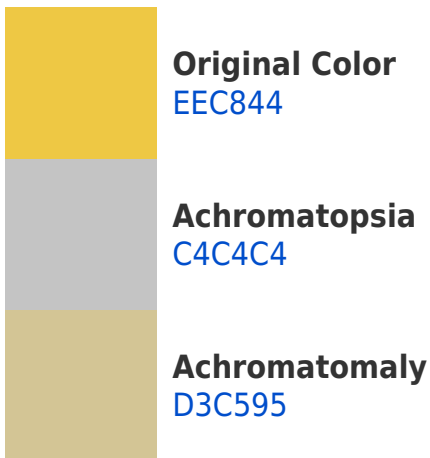


Tritanopia
F8BBC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EEC844 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 #EEC844 looks like.

```
.text, #text, p{  
    color:#EEC844  
}
```

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 #EEC844 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEC844  
}
```

Border

The CSS property to change the border of an element to Hex EEC844 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  
#EEC844 }
```

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

```
.border{ border-color:#EEC844 }
```

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

Here you see how a box with a 4 pixel #EEC844 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEC844; -webkit-box-shadow:4px 4px  
4px 4px #EEC844; box-shadow:4px 4px 4px  
4px #EEC844 }
```

Background

The CSS property to change the background color of an element to Hex EEC844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEC844 }
```

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

```
.background{ background-color:#EEC844 }
```

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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