

Converting Colors

Hex(EBC444)

Have a look what the booklet for
Hex(EBC444) contains.

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Color

Hex(EBC444)

Conversions

Conversions Part 1

Format	Color
Hex	EBC444
RGB	235, 196, 68
RGB Percent	92%, 77%, 27%
CMY	0.0784, 0.2314, 0.7333
CMYK	0.00, 0.17, 0.71, 0.08
HSL	46°, 81%, 59%
HSV	46°, 71%, 92%
XYZ	55.0443, 57.5594, 13.6778
YIQ	193.0690, 64.3320, -31.5400

Conversions

Conversions Part 2

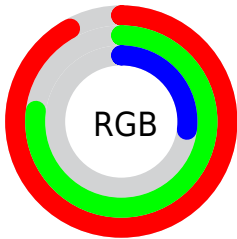
Format	Color
RYB	119, 235, 68
Decimal	15451204
CIELab	80.49, 0.85, 66.20
CIElCh	80, 66.208, 89.265
Yxy	57.5594, 0.4359, 0.4558
Android (android.graphics.Color)	4293641284 (0xFFEBC444)
YUV	193.0690, -61.6590, 36.7735
Hunter-Lab	75.8679, -3.2621, 42.4185

Details

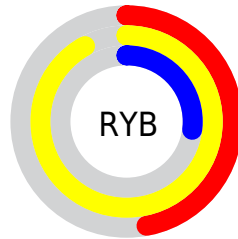
The Hex color **EBC444** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **446BEB**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFC7B**, and **AF8F00** is the 20% darker color. If you saturate the color by 10%, you get **EBBF2D**, and if you desaturate by 10%, it is **EBC95C**.

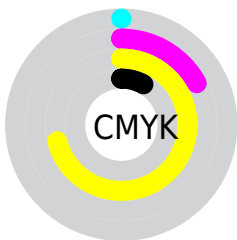
Distribution



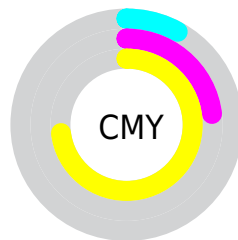
- Red (92%)
- Green (77%)
- Blue (27%)



- Red (47%)
- Yellow (92%)
- Blue (27%)



- Cyan (0%)
- Magenta (17%)
- Yellow (71%)
- Black (8%)



- Cyan (8%)
- Magenta (23%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color EBC444 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 EBC444 by changing the saturation by 10% instead.

 EBC444

 EBC444

FFFFFF

 CDA926

 FFFC7B

 AF8F00

 FFFF97

 927500

 FFFFB3

 765D00

 FFFFFD0

 5A4600

 FFFFED

 3F3000

 261B00

 050100

 000000

 EBC444

 EBC444

 EBBF2D

 EBC95C

 EBB915

 EBCF73

 EBB400

 EBD48B

 EBDAA2

 EBDFBA

 EBE5D1

 EBEAE9

 EBF0FF

 EBF5FF

Harmonies

Analogous

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



FFAD5D



EBC444



ADD655

Triad

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



EBC444



00E5FF



FF9FFF

Complementary

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



EBC444



446BEB

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.



C7B8FF



EBC444



00DEFF

Square

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



EBC444



00E6C4



2ACFFF



FF90CC

Rectangle

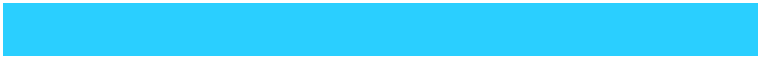
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EBC444



7ADE73



2ACFFF



FDA7FF

Sweetspot

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



EBC444



FFF2C9



EB446E



807860



000000



808080

Same Dimension

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



EBC444



FFCC26



C1EB44



75736A



B58B00



362900

Inverse Universe

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



446BEB



2659FF



6E44EB



6A6C75



002AB5



000D36

Previews

White Background



This preview shows how the Hex color EBC444 looks on a white background.

Color Contrast Check

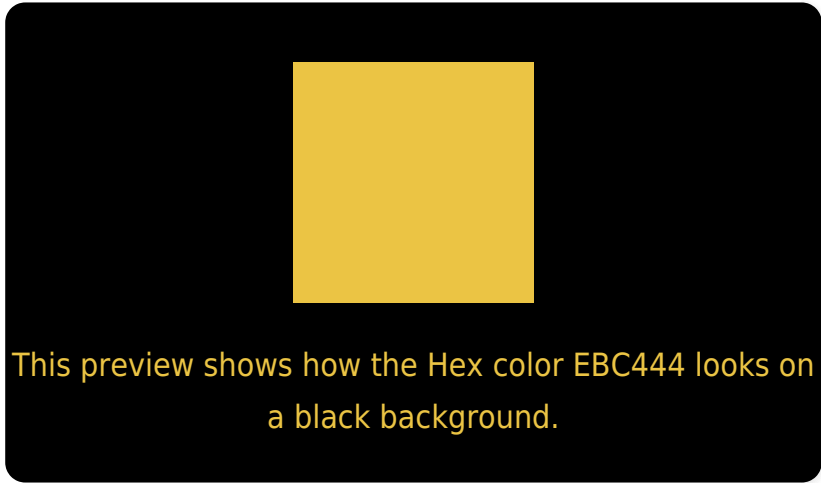
Large Text (above 18pt) WCAG AA × Fail

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 EBC444 Background



This preview shows how black text looks on a background with the Hex color EBC444.



This preview shows how white text looks on a background with the Hex color EBC444.

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
EBC444

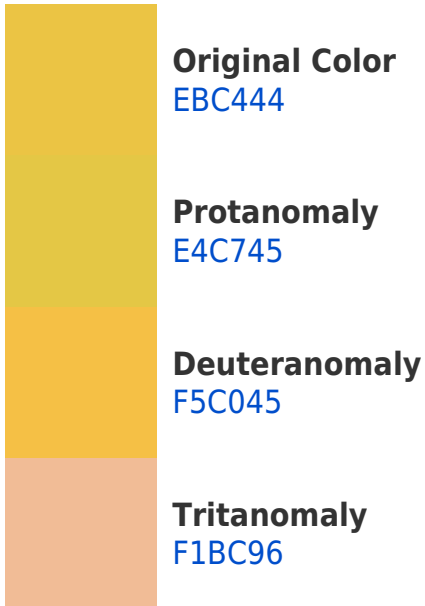
Protanopia
E0C845

Deuteranopia
FABE46

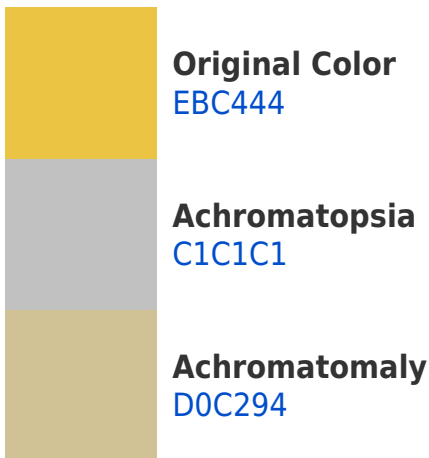


Tritanopia
F5B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EBC444 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 #EBC444 looks like.

```
.text, #text, p{  
    color:#EBC444  
}
```

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 #EBC444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBC444
}
```

Border

The CSS property to change the border of an element to Hex EBC444 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
#EBC444 }
```

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

```
.border{ border-color:#EBC444 }
```

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

Here you see how a box with a 4 pixel #EBC444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBC444; -webkit-box-shadow:4px 4px  
4px 4px #EBC444; box-shadow:4px 4px 4px  
4px #EBC444 }
```

Background

The CSS property to change the background color of an element to Hex EBC444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBC444 }
```

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

```
.background{ background-color:#EBC444 }
```

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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