

Converting Colors

Hex(EBC700)

Have a look what the booklet for
Hex(EBC700) contains.

| | |
|--|----|
| Hex(EBC700) | 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(EBC700)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EBC700 |
| RGB | 235, 199, 0 |
| RGB Percent | 92%, 78%, 0% |
| CMY | 0.0784, 0.2196, 1.0000 |
| CMYK | 0.00, 0.15, 1.00, 0.08 |
| HSL | 51°, 100%, 46% |
| HSV | 51°, 100%, 92% |
| XYZ | 54.6844, 58.5090, 8.4112 |
| YIQ | 187.0780, 85.3350, -54.2570 |

Conversions

Conversions Part 2

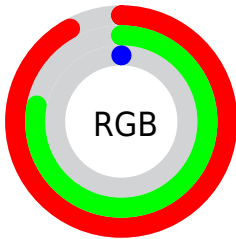
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 43, 235, 0 |
| Decimal | 15451904 |
| CIELab | 81.02, -2.34, 82.10 |
| CIELCh | 81, 82.132, 91.630 |
| Yxy | 58.5090, 0.4497, 0.4811 |
| Android (android.graphics.Color) | 4293641984 (0xFFEBC700) |
| YUV | 187.0780, -92.2295, 42.0276 |
| Hunter-Lab | 76.4912, -6.2480, 47.0241 |

Details

The Hex color **EBC700** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle washed yellow. A complement of this color would be **0024EB**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFFF55**, and **AE9200** is the 20% darker color. If you saturate the color by 10%, you get **EBC700**, and if you desaturate by 10%, it is **EBCB17**.

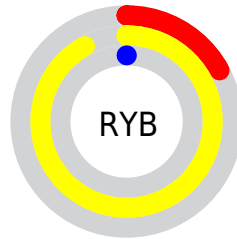
Distribution



Red (92%)

Green (78%)

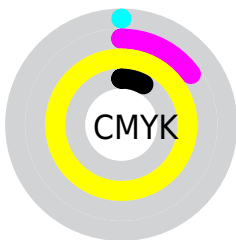
Blue (0%)



Red (17%)

Yellow (92%)

Blue (0%)

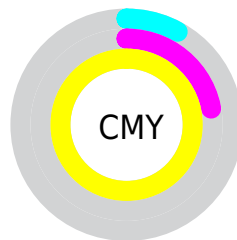


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color EBC700 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 EBC700 by changing the saturation by 10% instead.

 EBC700

 EBC700

FFFFFF

 CCAC00

 FFFF55

 AE9200

 FFFF73

 917800

 FFFF90

 736000

 FFFFAD

 574800

 FFFFCA

 3C3200

 FFFFEE

 231E00

 000500

 000000

 EBC700

 EBCB17

 EBCE2F

 EBD247

 EBD55E

 EBD976

 EBDD8D

 EBE0A4

 EBE4BC

 EBE7D3

Harmonies

Analogous

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



FFA93C



EBC700



9DDC35

Triad

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



EBC700



00ECFF



FF90FF

Complementary

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



EBC700



0024EB

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.



CDB3FF



EBC700



00E4FF

Square

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



EBC700



00EDCB



00D1FF



FF7CC8

Rectangle

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



EBC700



52E563



00D1FF



FF9BFF

Sweetspot

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



EBC700



FFF3B3



EB0027



807852



000000



808080

Same Dimension

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



EBC700



FFD800



9DEB00



75746A



B59900



362D00

Inverse Universe

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



0024EB



0027FF



4E00EB



6A6B75



001CB5



000836

Previews

White Background



This preview shows how the Hex color EBC700 looks on a white background.

Color Contrast Check

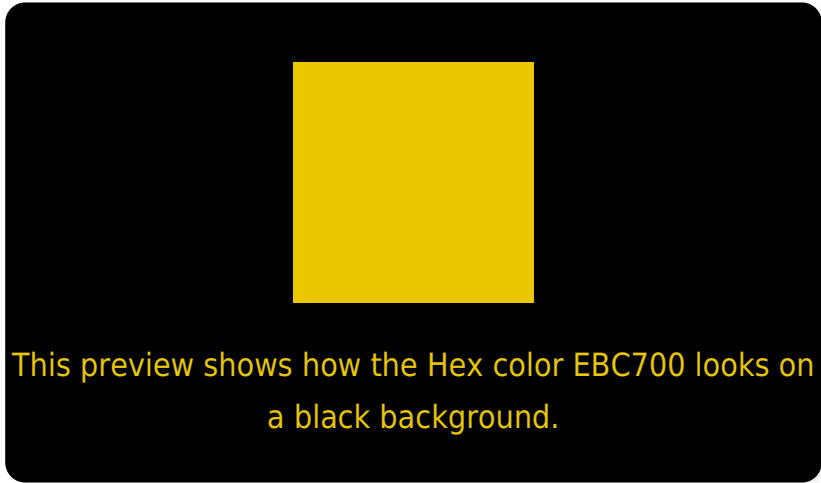
Large Text (above 18pt) WCAG AA × Fail

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 EBC700 Background



This preview shows how black text looks on a background with the Hex color EBC700.



This preview shows how white text looks on a background with the Hex color EBC700.

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](#).

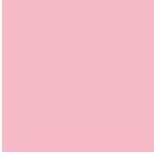
Dichromacy



Original Color
EBC700

Protanopia
E3CA07

Deuteranopia
FEBF16



Tritanopia
F6B9C7

Trichromacy



Original Color
EBC700

Protanomaly
E6C904

Deuteranomaly
F7C20E

Tritanomaly
F2BE7F

Monochromacy



Original Color
EBC700

Achromatopsia
BBBBBB

Achromatomaly
CCBF77

CSS Examples

Text

The CSS property to change the color of the text to Hex EBC700 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 #EBC700 looks like.

```
.text, #text, p{  
    color:#EBC700  
}
```

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 #EBC700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBC700
}
```

Border

The CSS property to change the border of an element to Hex EBC700 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
#EBC700 }
```

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

```
.border{ border-color:#EBC700 }
```

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

Here you see how a box with a 4 pixel #EBC700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBC700; -webkit-box-shadow:4px 4px  
4px 4px #EBC700; box-shadow:4px 4px 4px  
4px #EBC700 }
```

Background

The CSS property to change the background color of an element to Hex EBC700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBC700 }
```

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

```
.background{ background-color:#EBC700 }
```

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