

Converting Colors

Hex(EBCF3D)

Have a look what the booklet for
Hex(EBCF3D) contains.

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Color

Hex(EBCF3D)

Conversions

Conversions Part 1

Format	Color
Hex	EBCF3D
RGB	235, 207, 61
RGB Percent	92%, 81%, 24%
CMY	0.0784, 0.1882, 0.7608
CMYK	0.00, 0.12, 0.74, 0.08
HSL	50°, 81%, 58%
HSV	50°, 74%, 92%
XYZ	57.4161, 62.6247, 13.4765
YIQ	198.7280, 63.5540, -39.4700

Conversions

Conversions Part 2

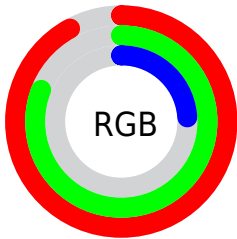
Format	Color
RYB	94, 235, 61
Decimal	15454013
CIELab	83.24, -5.11, 71.44
CIELCh	83, 71.623, 94.090
Yxy	62.6247, 0.4300, 0.4690
Android (android.graphics.Color)	4293644093 (0xFFEBCF3D)
YUV	198.7280, -67.8999, 31.8105
Hunter-Lab	79.1358, -8.9790, 45.2982

Details

The Hex color **EBCF3D** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3D59EB**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFF76**, and **AF9900** is the 20% darker color. If you saturate the color by 10%, you get **EBCB25**, and if you desaturate by 10%, it is **EBD355**.

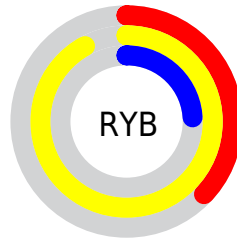
Distribution



Red (92%)

Green (81%)

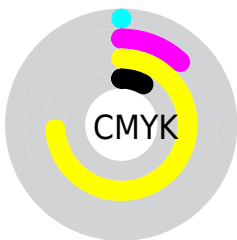
Blue (24%)



Red (37%)

Yellow (92%)

Blue (24%)

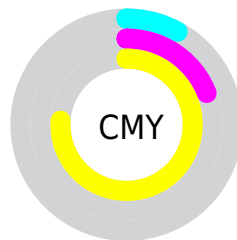


Cyan (0%)

Magenta (12%)

Yellow (74%)

Black (8%)



Cyan (8%)

Magenta (19%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color EBCF3D 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 EBCF3D by changing the saturation by 10% instead.

 EBCF3D

 EBCF3D

FFFFFF

 CDB41B

 FFFF76

 AF9900

 FFFF92

 927F00

 FFFFAF

 766700

 FFFF CB

 5A4F00

 FFFF E9

 3F3800

 262300

 050F00

 000000

 EBCF3D

 EBCF3D

 EBCB25

 EBD355

 EBC70E

 EBD76C

 EBC500

 EBDA84

 EBDE9B

 EBE2B3

 EBE6CA

 EBE9E2

 EBEDF9

 EBF1FF

Harmonies

Analogous

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



FFB654



EBCF3D



A5E158

Triad

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



EBCF3D



00EFFF



FF9EFF

Complementary

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



EBCF3D



3D59EB

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.



DEBAFF



EBCF3D



00E6FF

Square

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



EBCF3D



00F0D7



4AD4FF



FF91C9

Rectangle

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



EBCF3D



68E97C



4AD4FF



FFA7FF

Sweetspot

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



EBCF3D



FFF6C7



EB3D5A



807A5E



000000



808080

Same Dimension

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



EBCF3D



FFDA1C



B1EB3D



75736A



B59800



362D00

Inverse Universe

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



3D59EB



1C41FF



773DEB



6A6B75



001DB5



000936

Previews

White Background



This preview shows how the Hex color EBCF3D looks on a white background.

Color Contrast Check

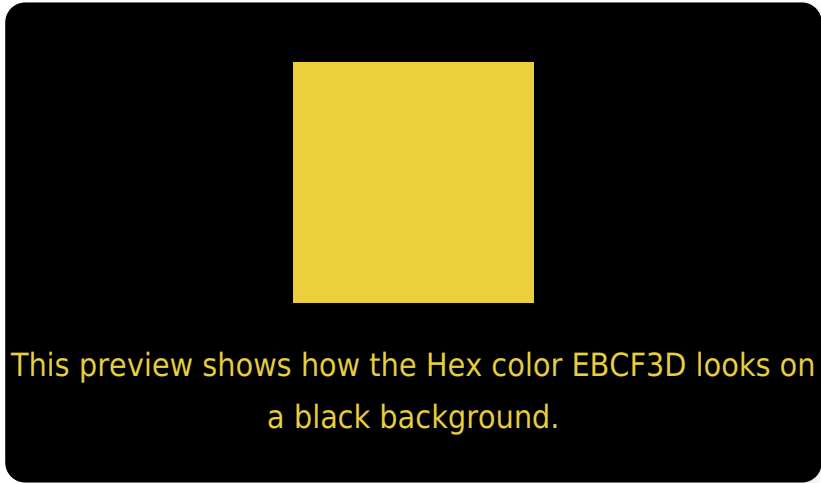
Large Text (above 18pt) WCAG AA × Fail

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 EBCF3D Background



This preview shows how black text looks on a background with the Hex color EBCF3D.

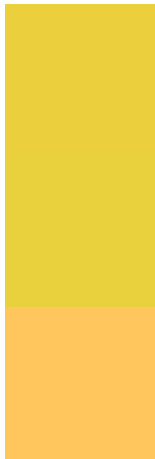


This preview shows how white text looks on a background with the Hex color EBCF3D.

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
EBCF3D

Protanopia
E9D03D

Deuteranopia
FFC65D



Tritanopia
F6C1D0

Trichromacy



Original Color
EBCF3D

Protanomaly
EAD03D

Deuteranomaly
F8C951

Tritanomaly
F2C69B

Monochromacy



Original Color
EBCF3D

Achromatopsia
C7C7C7

Achromatomaly
D4CA95

CSS Examples

Text

The CSS property to change the color of the text to Hex EBCF3D 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 #EBCF3D looks like.

```
.text, #text, p{  
    color:#EBCF3D  
}
```

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 #EBCF3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBCF3D
}
```

Border

The CSS property to change the border of an element to Hex EBCF3D 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
#EBCF3D }
```

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

```
.border{ border-color:#EBCF3D }
```

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

Here you see how a box with a 4 pixel #EBCF3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBCF3D; -webkit-box-shadow:4px 4px  
4px 4px #EBCF3D; box-shadow:4px 4px 4px  
4px #EBCF3D }
```

Background

The CSS property to change the background color of an element to Hex EBCF3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBCF3D }
```

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

```
.background{ background-color:#EBCF3D }
```

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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