

Converting Colors

Hex(EEB012)

Have a look what the booklet for
Hex(EEB012) contains.

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Color

Hex(EEB012)

Conversions

Conversions Part 1

Format	Color
Hex	EEB012
RGB	238, 176, 18
RGB Percent	93%, 69%, 7%
CMY	0.0667, 0.3098, 0.9294
CMYK	0.00, 0.26, 0.92, 0.07
HSL	43°, 87%, 50%
HSV	43°, 92%, 93%
XYZ	50.8944, 49.2715, 7.4002
YIQ	176.5260, 87.6700, -35.9940

Conversions

Conversions Part 2

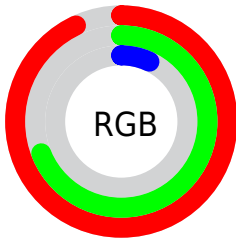
Format	Color
RYB	104, 238, 18
Decimal	15642642
CIELab	75.62, 11.11, 76.35
CIELCh	76, 77.150, 81.723
Yxy	49.2715, 0.4731, 0.4581
Android (android.graphics.Color)	4293832722 (0xFFEEB012)
YUV	176.5260, -78.1533, 53.9127
Hunter-Lab	70.1936, 6.5838, 42.8849

Details

The Hex color **EEB012** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **1250EE**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFE756**, and **B17C00** is the 20% darker color. If you saturate the color by 10%, you get **EEAB00**, and if you desaturate by 10%, it is **EEB72A**.

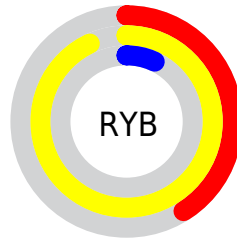
Distribution



Red (93%)

Green (69%)

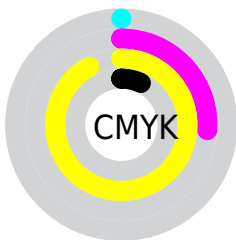
Blue (7%)



Red (41%)

Yellow (93%)

Blue (7%)

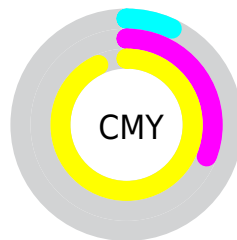


Cyan (0%)

Magenta (26%)

Yellow (92%)

Black (7%)



Cyan (7%)

Magenta (31%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color EEB012 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 EEB012 by changing the saturation by 10% instead.

 EEB012

 EEB012

FFFFFF

 CF9600

 FFE756

 B17C00

 FFFF73

 936300

 FFFF8F

 754C00

 FFFFAC

 593500

 FFFFC8

 3E2000

 FFFFEE

 250B00

 000000

 EEB012

 EEB012

■ EEAB00

■ EEB72A

■ EEBD42

■ EEC459

■ EECB71

■ EED289

■ EED8A1

■ EEDFB9

■ EEE6D0

■ EEECE8

Harmonies

Analogous

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



FF934A



EEB012



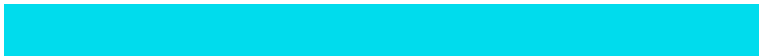
ACC61E

Triad

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



EEB012



00DCED



FD90FF

Complementary

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



EEB012



1250EE

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.



93B0FF



EEB012



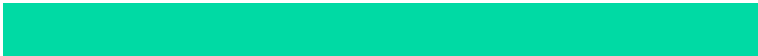
00D6FF

Square

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



EEB012



00DAA4



00C8FF



FF76D1

Rectangle

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



E EB012



74D047



00C8FF



E19BFF

Sweetspot

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



EEB012



FFEBB8



EE1250



807354



000000



808080

Same Dimension

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



EEB012



FFB700



BEEE12



78746C



B88400



382800

Inverse Universe

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



1250EE



0048FF



4212EE



6C6F78



0034B8



001038

Previews

White Background



This preview shows how the Hex color EEB012 looks on a white background.

Color Contrast Check

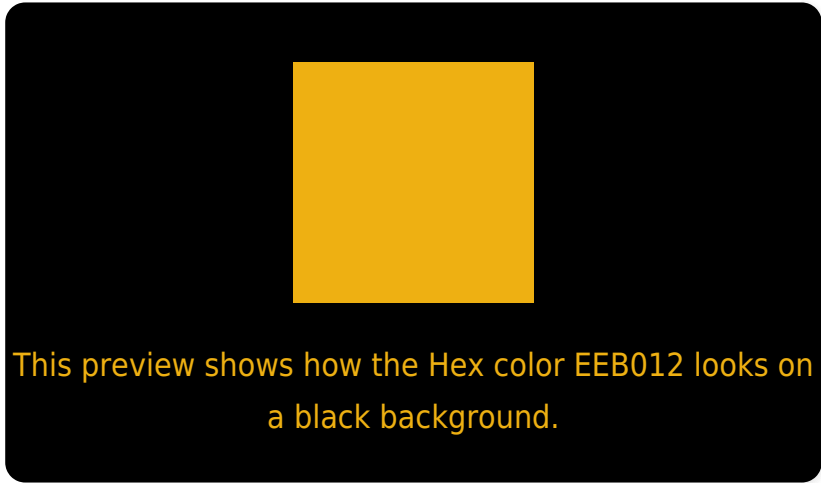
Large Text (above 18pt) WCAG AA × Fail

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 EEB012 Background



This preview shows how black text looks on a background with the Hex color EEB012.



This preview shows how white text looks on a background with the Hex color EEB012.

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
EEB012

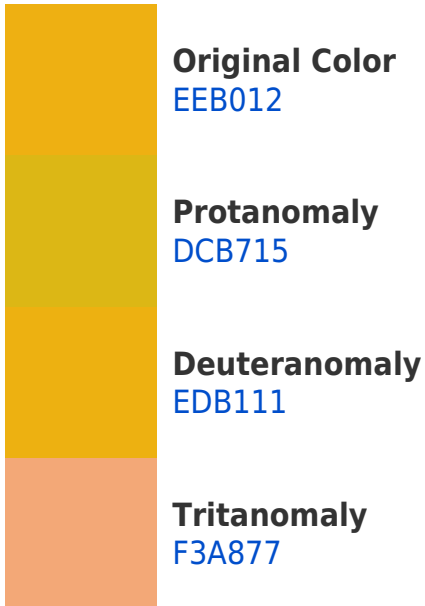
Protanopia
D2BB16

Deuteranopia
ECB111



Tritanopia
F6A4B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EEB012 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 #EEB012 looks like.

```
.text, #text, p{  
    color:#EEB012  
}
```

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 #EEB012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEB012
}
```

Border

The CSS property to change the border of an element to Hex EEB012 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
#EEB012 }
```

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

```
.border{ border-color:#EEB012 }
```

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

Here you see how a box with a 4 pixel #EEB012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEB012; -webkit-box-shadow:4px 4px  
4px 4px #EEB012; box-shadow:4px 4px 4px  
4px #EEB012 }
```

Background

The CSS property to change the background color of an element to Hex EEB012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEB012 }
```

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

```
.background{ background-color:#EEB012 }
```

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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