

Converting Colors

Hex(EEB635)

Have a look what the booklet for
Hex(EEB635) contains.

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Color

Hex(EEB635)

Conversions

Conversions Part 1

Format	Color
Hex	EEB635
RGB	238, 182, 53
RGB Percent	93%, 71%, 21%
CMY	0.0667, 0.2863, 0.7922
CMYK	0.00, 0.24, 0.78, 0.07
HSL	42°, 84%, 57%
HSV	42°, 78%, 93%
XYZ	52.6304, 51.8901, 10.6100
YIQ	184.0380, 74.7850, -28.2470

Conversions

Conversions Part 2

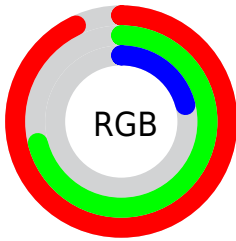
Format	Color
RYB	133, 238, 53
Decimal	15644213
CIELab	77.22, 8.80, 68.68
CIELCh	77, 69.242, 82.702
Yxy	51.8901, 0.4571, 0.4507
Android (android.graphics.Color)	4293834293 (0xFFEEB635)
YUV	184.0380, -64.6017, 47.3247
Hunter-Lab	72.0348, 4.3558, 41.6915

Details

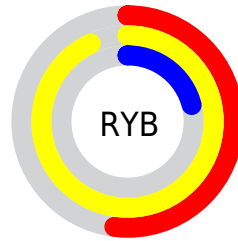
The Hex color **EEB635** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **356DEE**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFEE6D**, and **B18100** is the 20% darker color. If you saturate the color by 10%, you get **EEAF1D**, and if you desaturate by 10%, it is **EEBD4D**.

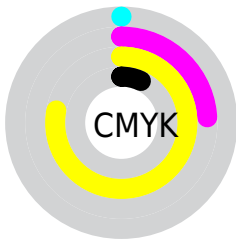
Distribution



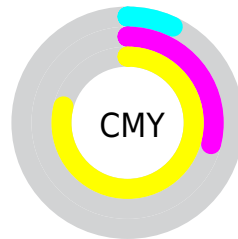
- Red (93%)
- Green (71%)
- Blue (21%)



- Red (52%)
- Yellow (93%)
- Blue (21%)



- Cyan (0%)
- Magenta (24%)
- Yellow (78%)
- Black (7%)



- Cyan (7%)
- Magenta (29%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color EEB635 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 EEB635 by changing the saturation by 10% instead.

 EEB635

 EEB635

FFFFFF

 CF9B12

 FFEE6D

 B18100

 FFFF89

 946900

 FFFFA5

 775100

 FFFF81

 5A3A00

 FFFFDE

 3F2500

FFFFFFC

 261100

 000000

 EEB635

 EEB635

■ EEF1D

■ EEBD4D

■ EEA805

■ EEC465

■ EEA600

■ EECC7C

■ EED394

■ EEDAAC

■ EEE1C4

■ EEE8DC

■ EEF0F3

■ EEF7FF

Harmonies

Analogous

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



FF9D59



EEB635



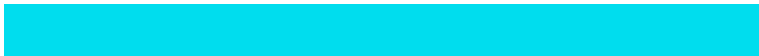
B1CA3D

Triad

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



EEB635



00DDEE



FE99FF

Complementary

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



EEB635



356DEE

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.



A4B4FF



EEB635



00D8FF

Square

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



EEB635



00DDAC



00CBFF



FF85D1

Rectangle

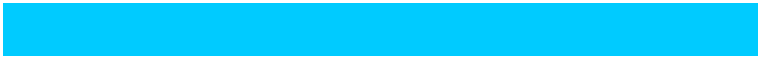
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EEB635



7FD35B



00CBFF



E5A2FF

Sweetspot

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



EEB635



FFEDC4



EE3570



80755C



000000



808080

Same Dimension

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



EEB635



FFB712



CCEE35



78746C



B88000



382700

Inverse Universe

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



356DEE



125AFF



5735EE



6C6F78



0038B8



001138

Previews

White Background



This preview shows how the Hex color EEB635 looks on a white background.

Color Contrast Check

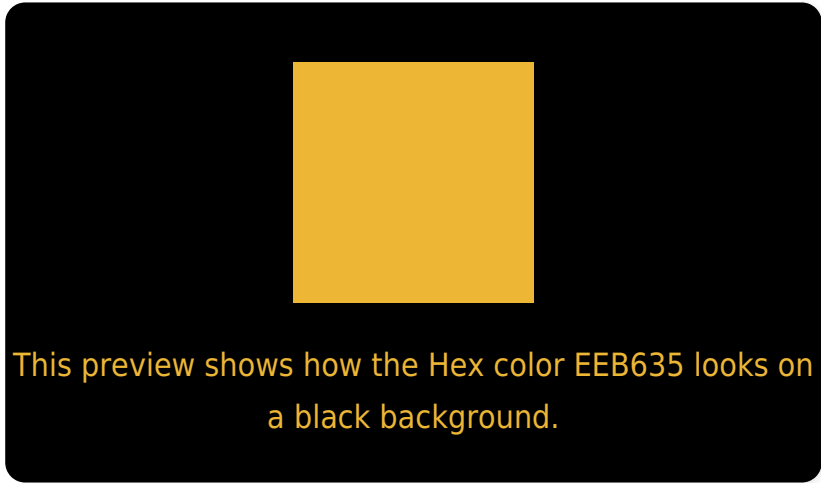
Large Text (above 18pt) WCAG AA × Fail

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 EEB635 Background



This preview shows how black text looks on a background with the Hex color EEB635.



This preview shows how white text looks on a background with the Hex color EEB635.

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
EEB635

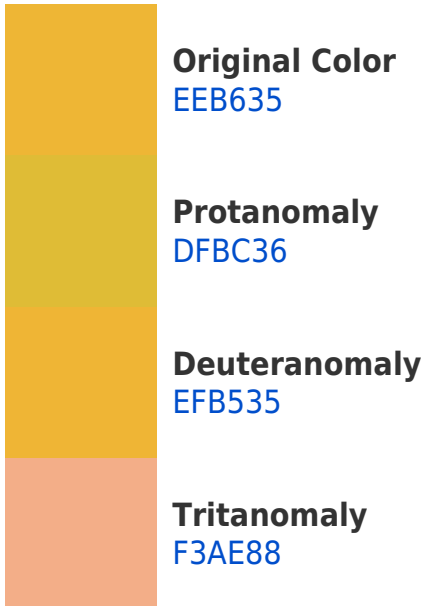
Protanopia
D6BF37

Deuteranopia
F0B535



Tritanopia
F6AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EEB635 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 #EEB635 looks like.

```
.text, #text, p{  
    color:#EEB635  
}
```

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 #EEB635 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEB635  
}
```

Border

The CSS property to change the border of an element to Hex EEB635 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  
#EEB635 }
```

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

```
.border{ border-color:#EEB635 }
```

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

Here you see how a box with a 4 pixel #EEB635 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEB635; -webkit-box-shadow:4px 4px  
4px 4px #EEB635; box-shadow:4px 4px 4px  
4px #EEB635 }
```

Background

The CSS property to change the background color of an element to Hex EEB635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEB635 }
```

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

```
.background{ background-color:#EEB635 }
```

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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