

Converting Colors

Hex(EBB62D)

Have a look what the booklet for
Hex(EBB62D) contains.

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Color

Hex(EBB62D)

Conversions

Conversions Part 1

Format	Color
Hex	EBB62D
RGB	235, 182, 45
RGB Percent	92%, 71%, 18%
CMY	0.0784, 0.2863, 0.8235
CMYK	0.00, 0.23, 0.81, 0.08
HSL	43°, 83%, 55%
HSV	43°, 81%, 92%
XYZ	51.4626, 51.3075, 9.6736
YIQ	182.2290, 75.5650, -31.3710

Conversions

Conversions Part 2

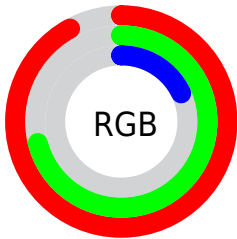
Format	Color
R _Y B	119, 235, 45
Decimal	15447597
CIE Lab	76.86, 7.25, 70.87
CIE LCh	77, 71.239, 84.163
Yxy	51.3075, 0.4577, 0.4563
Android (android.graphics.Color)	4293637677 (0xFFEBB62D)
YUV	182.2290, -67.6539, 46.2802
Hunter-Lab	71.6293, 2.8933, 42.1333

Details

The Hex color **EBB62D** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **2D62EB**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFEE67**, and **AE8200** is the 20% darker color. If you saturate the color by 10%, you get **EBAF16**, and if you desaturate by 10%, it is **EBBD45**.

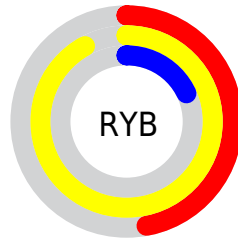
Distribution



Red (92%)

Green (71%)

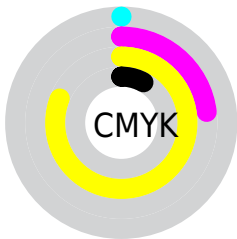
Blue (18%)



Red (47%)

Yellow (92%)

Blue (18%)

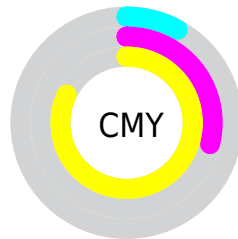


Cyan (0%)

Magenta (23%)

Yellow (81%)

Black (8%)



Cyan (8%)

Magenta (29%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color EBB62D 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 EBB62D by changing the saturation by 10% instead.

 EBB62D

 EBB62D

FFFFFF

 CC9B00

 FFEE67

 AE8200

 FFFF83

 916900

 FFFF9F

 745100

 FFFFBB

 583A00

 FFFFD8

 3D2500

 FFFFF6

 241100

 000000

 EBB62D

 EBB62D

 EBAF16

 EBBD45

 EBA900

 EBC35C

 EBCA74

 EBD08B

 EBD7A3

 EBDDBA

 EBE4D2

 EBEAE9

 EBF1FF

Harmonies

Analogous

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



FF9C53



EBB62D



ACCA39

Triad

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



EBB62D



00DDF2



FF95FF

Complementary

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



EBB62D



2D62EB

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.



A7B2FF



EBB62D



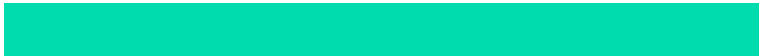
00D7FF

Square

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



EBB62D



00DCAE



00C9FF



FF81CE

Rectangle

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



EBB62D



77D359



00C9FF



E99FFF

Sweetspot

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



EBB62D



FFEEC2



EB2D63



80755B



000000



808080

Same Dimension

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



EBB62D



FFBA08



C2EB2D



75726A



B58300



362700

Inverse Universe

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



2D62EB



084DFF



562DEB



6A6D75



0033B5



000F36

Previews

White Background



This preview shows how the Hex color EBB62D looks on a white background.

Color Contrast Check

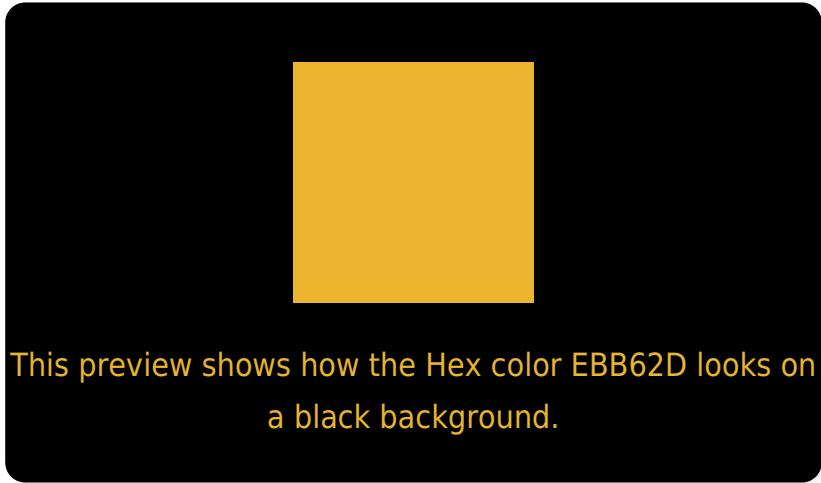
Large Text (above 18pt) WCAG AA × Fail

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 EBB62D Background



This preview shows how black text looks on a background with the Hex color EBB62D.



This preview shows how white text looks on a background with the Hex color EBB62D.

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](#).

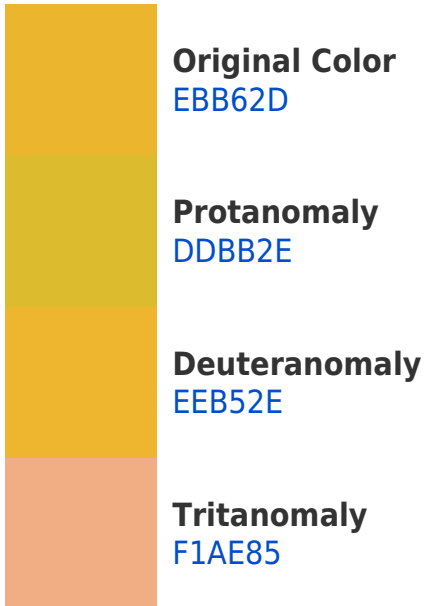
Dichromacy



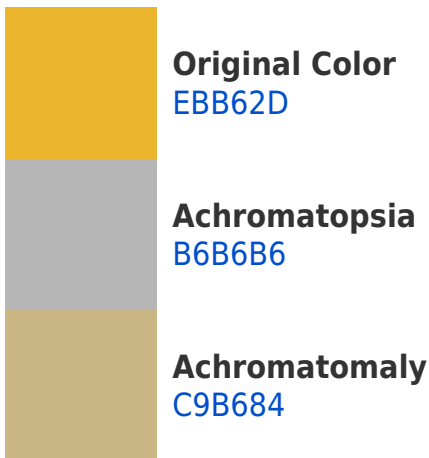


Tritanopia
F4AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EBB62D 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 #EBB62D looks like.

```
.text, #text, p{  
    color:#EBB62D  
}
```

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 #EBB62D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBB62D
}
```

Border

The CSS property to change the border of an element to Hex EBB62D 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
#EBB62D }
```

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

```
.border{ border-color:#EBB62D }
```

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

Here you see how a box with a 4 pixel #EBB62D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBB62D; -webkit-box-shadow:4px 4px  
4px 4px #EBB62D; box-shadow:4px 4px 4px  
4px #EBB62D }
```

Background

The CSS property to change the background color of an element to Hex EBB62D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBB62D }
```

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

```
.background{ background-color:#EBB62D }
```

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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