

Converting Colors

Hex(EBB236)

Have a look what the booklet for
Hex(EBB236) contains.

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Color

Hex(EBB236)

Conversions

Conversions Part 1

Format	Color
Hex	EBB236
RGB	235, 178, 54
RGB Percent	92%, 70%, 21%
CMY	0.0784, 0.3020, 0.7882
CMYK	0.00, 0.24, 0.77, 0.08
HSL	41°, 82%, 57%
HSV	41°, 77%, 92%
XYZ	50.8472, 49.7693, 10.4165
YIQ	180.9070, 73.7760, -26.4800

Conversions

Conversions Part 2

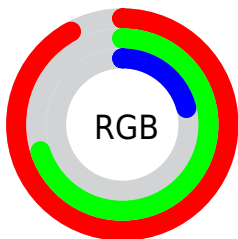
Format	Color
RYB	137, 235, 54
Decimal	15446582
CIELab	75.93, 9.66, 67.02
CIELCh	76, 67.716, 81.803
Yxy	49.7693, 0.4579, 0.4482
Android (android.graphics.Color)	4293636662 (0xFFEBB236)
YUV	180.9070, -62.5652, 47.4396
Hunter-Lab	70.5474, 5.1965, 40.6288

Details

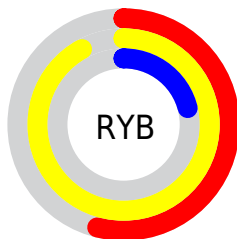
The Hex color **EBB236** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **366FEB**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE96E**, and **AF7E00** is the 20% darker color. If you saturate the color by 10%, you get **EBAB1F**, and if you desaturate by 10%, it is **EBB94E**.

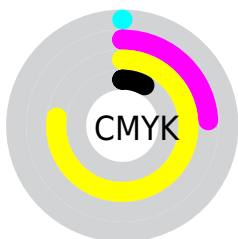
Distribution



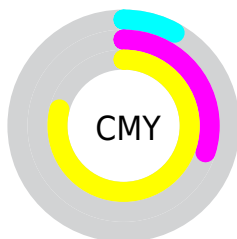
- Red (92%)
- Green (70%)
- Blue (21%)



- Red (54%)
- Yellow (92%)
- Blue (21%)



- Cyan (0%)
- Magenta (24%)
- Yellow (77%)
- Black (8%)



- Cyan (8%)
- Magenta (30%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color EBB236 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 EBB236 by changing the saturation by 10% instead.

 EBB236

 EBB236

FFFFFF

 CD9714

 FFE96E

 AF7E00

 FFFF89

 916500

 FFFFA5

 744D00

 FFFFC1

 583700

 FFFFDE

 3D2100

 FFFFFB

 240D00

 000000

 EBB236

 EBB236

 EBAB1F

 EBB94E

 EBA307

 EBC165

 EBA100

 EBC87C

 EBD094

 EBD7AB

 EBDEC3

 EBE6DB

 EBEDF2

 EBF5FF

Harmonies

Analogous

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



FF995A



EBB236



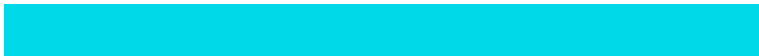
B0C63C

Triad

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



EBB236



00D9E8



F797FF

Complementary

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



EBB236



366FEB

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.



9EB2FF



EBB236



00D4FF

Square

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



EBB236



00D8A7



00C7FF



FF83CF

Rectangle

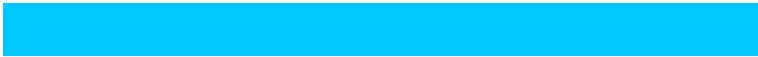
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EBB236



80CF58



00C7FF



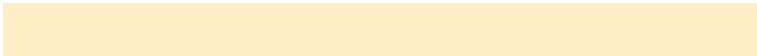
DFA0FF

Sweetspot

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



EBB236



FFEDC4



EB366F



80745C



000000



808080

Same Dimension

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



EBB236



FFB514



CAEB36



75726A



B57C00



362500

Inverse Universe

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



366FEB



145EFF



5736EB



6A6D75



0039B5



001136

Previews

White Background



This preview shows how the Hex color EBB236 looks on a white background.

Color Contrast Check

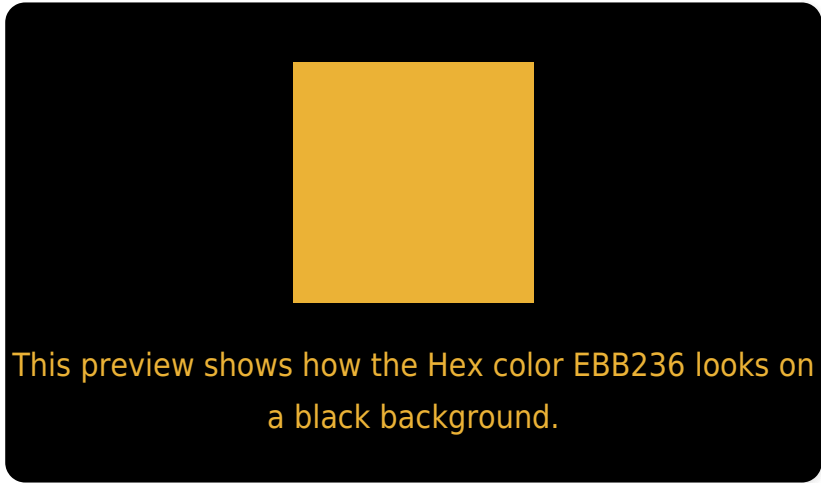
Large Text (above 18pt) WCAG AA × Fail

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 EBB236 Background



This preview shows how black text looks on a background with the Hex color EBB236.



This preview shows how white text looks on a background with the Hex color EBB236.

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](#).

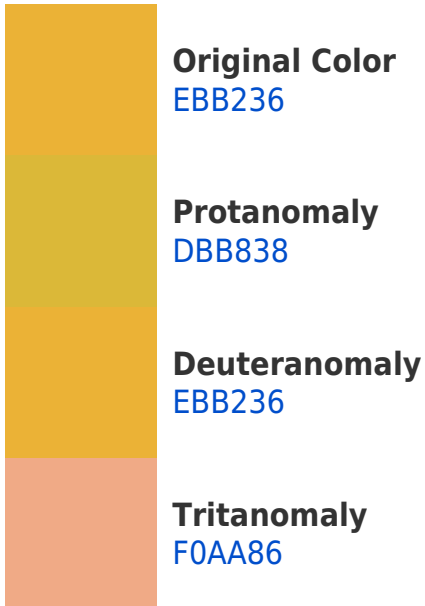
Dichromacy





Tritanopia
F3A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EBB236 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 #EBB236 looks like.

```
.text, #text, p{  
    color:#EBB236  
}
```

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 #EBB236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBB236
}
```

Border

The CSS property to change the border of an element to Hex EBB236 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
#EBB236 }
```

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

```
.border{ border-color:#EBB236 }
```

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

Here you see how a box with a 4 pixel #EBB236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBB236; -webkit-box-shadow:4px 4px  
4px 4px #EBB236; box-shadow:4px 4px 4px  
4px #EBB236 }
```

Background

The CSS property to change the background color of an element to Hex EBB236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBB236 }
```

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

```
.background{ background-color:#EBB236 }
```

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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