

Converting Colors

Hex(EEB434)

Have a look what the booklet for
Hex(EEB434) contains.

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Color

Hex(EEB434)

Conversions

Conversions Part 1

Format	Color
Hex	EEB434
RGB	238, 180, 52
RGB Percent	93%, 71%, 20%
CMY	0.0667, 0.2941, 0.7961
CMYK	0.00, 0.24, 0.78, 0.07
HSL	41°, 85%, 57%
HSV	41°, 78%, 93%
XYZ	52.2010, 51.0676, 10.3546
YIQ	182.7500, 75.6560, -27.5120

Conversions

Conversions Part 2

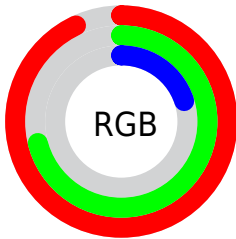
Format	Color
RYB	136, 238, 52
Decimal	15643700
CIELab	76.72, 9.81, 68.57
CIELCh	77, 69.271, 81.858
Yxy	51.0676, 0.4594, 0.4494
Android (android.graphics.Color)	4293833780 (0xFFEEB434)
YUV	182.7500, -64.4597, 48.4543
Hunter-Lab	71.4616, 5.3322, 41.4322

Details

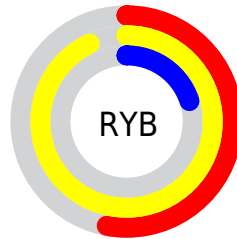
The Hex color **EEB434** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **346EEE**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFEC6C**, and **B18000** is the 20% darker color. If you saturate the color by 10%, you get **EEAD1C**, and if you desaturate by 10%, it is **EEBB4C**.

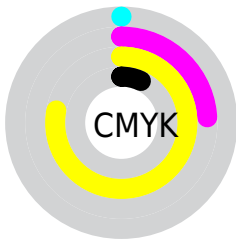
Distribution



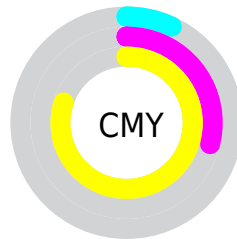
- Red (93%)
- Green (71%)
- Blue (20%)



- Red (53%)
- Yellow (93%)
- Blue (20%)



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



- Cyan (7%)
- Magenta (29%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color EEB434 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 EEB434 by changing the saturation by 10% instead.



EEB434



EEB434

FFFFFF



CF9910



FFEC6C



B18000



FFFF88



946700



FFFFA4



774F00



FFFFC0



5A3800



FFFFDD



3F2300



FFFFFA



260F00



000000



EEB434



EEB434

 EEAD1C

 EEBB4C

 EEA504

 EEC364

 EEA400

 EECA7B

 EED293

 EED9AB

 EEE1C3

 EEE8DB

 EEEFF2

 EE77FF

Harmonies

Analogous

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



FF9B59



EEB434



B2C83B

Triad

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



EEB434



00DCEB



FA98FF

Complementary

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



EEB434



346EEE

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.



9FB4FF



EEB434



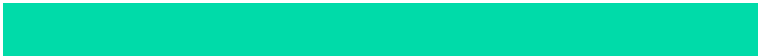
00D7FF

Square

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



EEB434



00DBA9



00CAFF



FF84D2

Rectangle

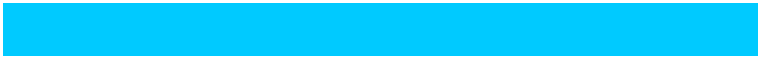
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EEB434



80D158



00CAFF



E2A1FF

Sweetspot

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



EEB434



FFEDC4



EE346F



80745C



000000



808080

Same Dimension

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



EEB434



FFB40F



CCEE34



78746C



B87E00



382700

Inverse Universe

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



346EEE



0F5AFF



5634EE



6C7078



0039B8



001138

Previews

White Background



This preview shows how the Hex color #EEB434 looks on a white background.

Color Contrast Check

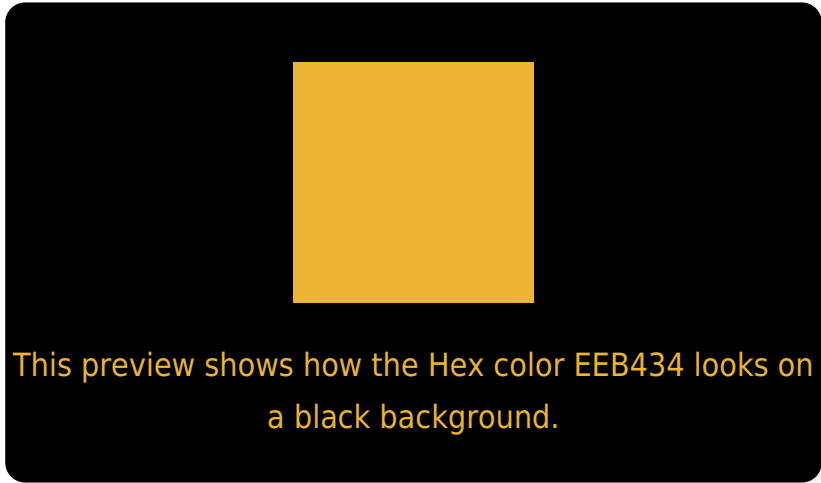
Large Text (above 18pt) WCAG AA × Fail

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 EEB434 Background



This preview shows how black text looks on a background with the Hex color EEB434.



This preview shows how white text looks on a background with the Hex color EEB434.

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
EEB434

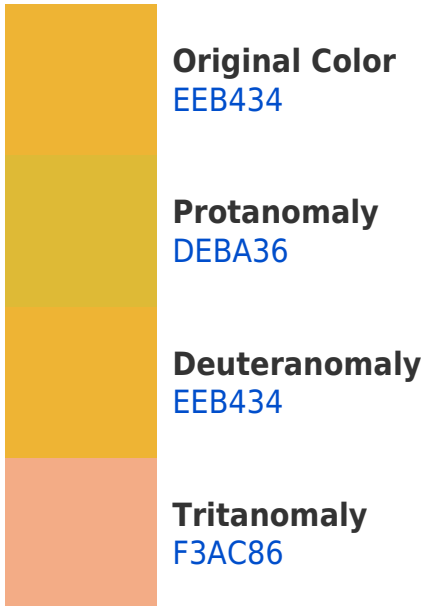
Protanopia
D5BE37

Deuteranopia
EEB434



Tritanopia
F6A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EEB434 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 #EEB434 looks like.

```
.text, #text, p{  
    color:#EEB434  
}
```

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 #EEB434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEB434
}
```

Border

The CSS property to change the border of an element to Hex EEB434 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
#EEB434 }
```

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

```
.border{ border-color:#EEB434 }
```

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

Here you see how a box with a 4 pixel #EEB434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEB434; -webkit-box-shadow:4px 4px  
4px 4px #EEB434; box-shadow:4px 4px 4px  
4px #EEB434 }
```

Background

The CSS property to change the background color of an element to Hex EEB434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEB434 }
```

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

```
.background{ background-color:#EEB434 }
```

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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