

# Converting Colors

Hex(EEAC3B)

Have a look what the booklet for  
Hex(EEAC3B) contains.

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# **Color**

**Hex(EEAC3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEAC3B
RGB	238, 172, 59
RGB Percent	93%, 67%, 23%
CMY	0.0667, 0.3255, 0.7686
CMYK	0.00, 0.28, 0.75, 0.07
HSL	38°, 84%, 58%
HSV	38°, 75%, 93%
XYZ	50.8018, 47.9980, 10.7247
YIQ	178.8520, 75.6090, -21.1510

# Conversions

## Conversions Part 2

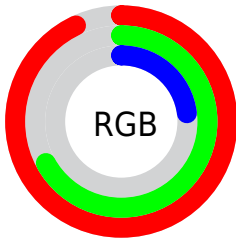
Format	Color
<a href="#">RYB</a>	<a href="#">164, 238, 59</a>
Decimal	<a href="#">15641659</a>
<a href="#">CIELab</a>	<a href="#">74.82, 14.29, 64.23</a>
<a href="#">CIElCh</a>	<a href="#">75, 65.799, 77.455</a>
<a href="#">Yxy</a>	<a href="#">47.9980, 0.4638, 0.4382</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4293831739 (0xFFEEAC3B)</a>
<a href="#">YUV</a>	<a href="#">178.8520, -59.0870, 51.8728</a>
<a href="#">Hunter-Lab</a>	<a href="#">69.2806, 9.6490, 39.3183</a>

# Details

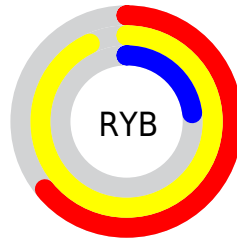
The Hex color **EEAC3B** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **3B7DEE**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE371**, and **B17800** is the 20% darker color. If you saturate the color by 10%, you get **EEA323**, and if you desaturate by 10%, it is **EEB553**.

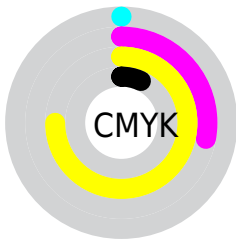
# Distribution



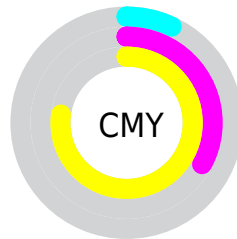
- Red (93%)
- Green (67%)
- Blue (23%)



- Red (64%)
- Yellow (93%)
- Blue (23%)



- Cyan (0%)
- Magenta (28%)
- Yellow (75%)
- Black (7%)



- Cyan (7%)
- Magenta (33%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EEAC3B 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 EEAC3B by changing the saturation by 10% instead.



 EEAC3B

 EEAC3B

FFFFFF

 CF921D

 FFE371

 B17800

 FFFF8D

 945F00

 FFFFA8

 774800

 FFFFC5

 5A3100

 FFFFE1

 3F1C00

 260600

 000000

 EEAC3B

 EEAC3B

■ EEA323

■ EEB553

■ EE9A0B

■ EEBE6B

■ EE9600

■ EEC682

■ EECF9A

■ EED8B2

■ EEE1CA

■ EEE9E2

■ EEF2F9

■ EEFBFF

# Harmonies

## Analogous

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



FF9461



EEAC3B



B7C03A

# Triad

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



EEAC3B



00D6DB



E899FF

# Complementary

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



EEAC3B



3B7DEE

# Split Complementary

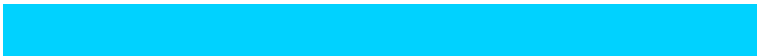
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



8BB2FF



EEAC3B



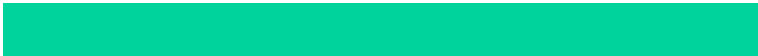
00D2FF

# Square

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



EEAC3B



00D49C



00C6FF



FF84D4

# Rectangle

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



EEAC3B



8AC952



00C6FF



CFA2FF

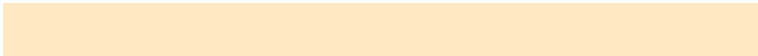


# Sweetspot

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



EEAC3B



FFE9C4



EE3B80



80725C



000000



808080



# Same Dimension

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



EEAC3B



FFAA19



D9EE3B



78736C



B87400



382300



# Inverse Universe

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



3B7DEE



196EFF



503BEE



6C7078



0044B8



001538



# Previews

## White Background



This preview shows how the Hex color EEAC3B looks on a white background.

## Color Contrast Check

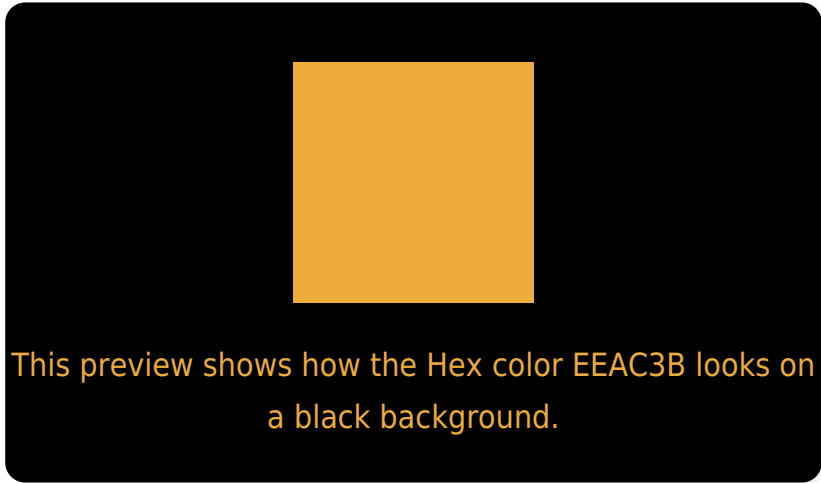
Large Text (above 18pt) WCAG AA × Fail

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 EEAC3B Background



This preview shows how black text looks on a background with the Hex color EEAC3B.

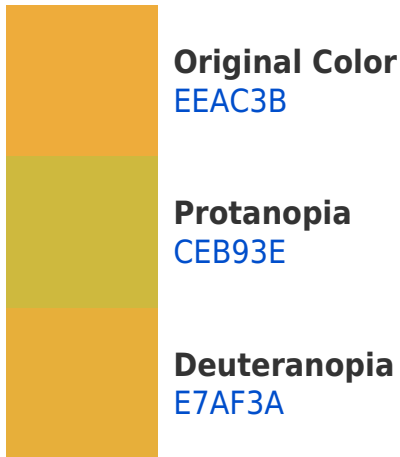


This preview shows how white text looks on a background with the Hex color EEAC3B.

# 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](#).

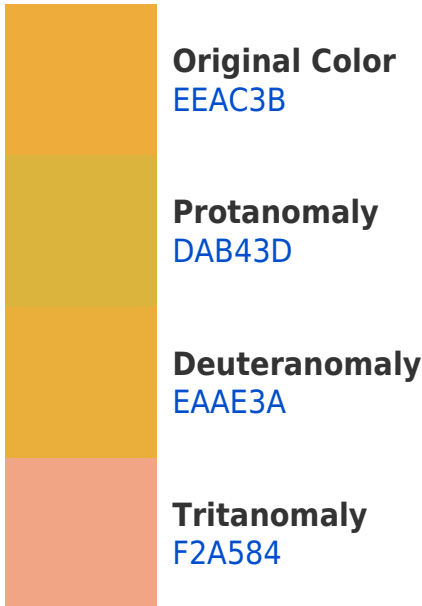
## Dichromacy





**Tritanopia**  
F5A1AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EEAC3B 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 #EEAC3B looks like.

```
.text, #text, p{  
    color:#EEAC3B  
}
```

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 #EEAC3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEAC3B
}
```

## Border

The CSS property to change the border of an element to Hex EEAC3B 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
#EEAC3B }
```

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

```
.border{ border-color:#EEAC3B }
```

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

Here you see how a box with a 4 pixel #EEAC3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEAC3B; -webkit-box-shadow:4px 4px  
4px 4px #EEAC3B; box-shadow:4px 4px 4px  
4px #EEAC3B }
```

# Background

The CSS property to change the background color of an element to Hex EEAC3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEAC3B }
```

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

```
.background{ background-color:#EEAC3B }
```

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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