

# Converting Colors

Hex(EAB442)

Have a look what the booklet for  
Hex(EAB442) contains.

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# **Color**

**Hex(EAB442)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAB442
RGB	234, 180, 66
RGB Percent	92%, 71%, 26%
CMY	0.0824, 0.2941, 0.7412
CMYK	0.00, 0.23, 0.72, 0.08
HSL	41°, 80%, 59%
HSV	41°, 72%, 92%
XYZ	51.2363, 50.5283, 12.2067
YIQ	183.1500, 68.7780, -24.0060

# Conversions

## Conversions Part 2

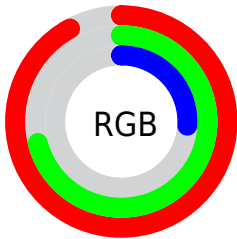
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 234, 66
Decimal	15381570
CIELab	76.39, 8.68, 62.86
CIELCh	76, 63.457, 82.135
Yxy	50.5283, 0.4496, 0.4433
Android (android.graphics.Color)	4293571650 (0xFFEAB442)
YUV	183.1500, -57.7549, 44.5955
Hunter-Lab	71.0833, 4.2659, 39.5767

# Details

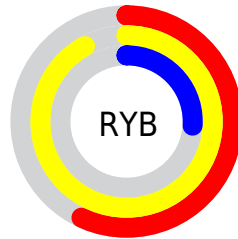
The Hex color **EAB442** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **4278EA**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFEC78**, and **AE8000** is the 20% darker color. If you saturate the color by 10%, you get **EAAC2B**, and if you desaturate by 10%, it is **EABC59**.

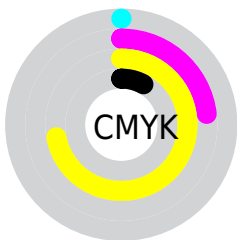
# Distribution



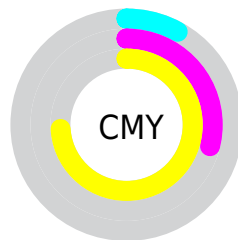
- Red (92%)
- Green (71%)
- Blue (26%)



- Red (57%)
- Yellow (92%)
- Blue (26%)



- Cyan (0%)
- Magenta (23%)
- Yellow (72%)
- Black (8%)



- Cyan (8%)
- Magenta (29%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EAB442 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 EAB442 by changing the saturation by 10% instead.



 EAB442

 EAB442

FFFFFF

 CC9925

 FFEC78

 AE8000

 FFFF93

 916700

 FFFFAF

 744F00

 FFFFCC

 583800

 FFFFEE

 3D2300

 240F00

 000000

 EAB442

 EAB442

 EAAC2B

 EABC59

 EAA513

 EAC371

 EA9F00

 EACB88

 EAD2A0

 EADAB7

 EAE1CE

 EAE9E6

 EAF0FD

 EAF8FF

# Harmonies

## Analogous

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



FF9D61



EAB442



B2C648

# Triad

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



EAB442



00D9E7



F59BFF

# Complementary

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



EAB442



4278EA

# 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.



A4B3FF



EAB442



00D4FF

# Square

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



EAB442



00D8AA



00C7FF



FF8ACE

# Rectangle

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



EAB442



85CF61



00C7FF



DFA3FF

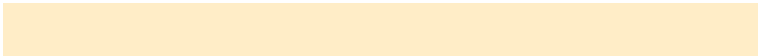


# Sweetspot

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



EAB442



FFEDC7



EA427A



80755E



000000



808080



# Same Dimension

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



EAB442



FFB924



CEEA42



75726A



B57B00



362400



# Inverse Universe

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



4278EA



246AFF



5E42EA



6A6D75



003AB5



001136



# Previews

## White Background



This preview shows how the Hex color EAB442 looks on a white background.

## Color Contrast Check

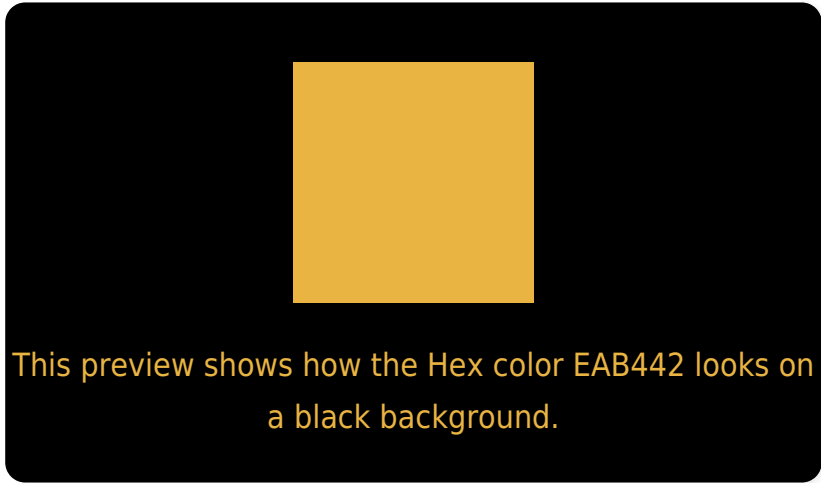
Large Text (above 18pt) WCAG AA × Fail

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 EAB442 Background



This preview shows how black text looks on a background with the Hex color EAB442.



This preview shows how white text looks on a background with the Hex color EAB442.

# 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**  
EAB442

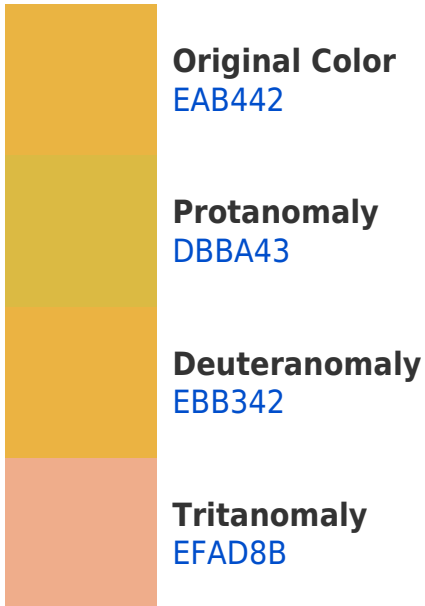
**Protanopia**  
D3BD44

**Deuteranopia**  
ECB342



**Tritanopia**  
F2A9B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EAB442 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 #EAB442 looks like.

```
.text, #text, p{  
    color:#EAB442  
}
```

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 #EAB442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAB442
}
```

## Border

The CSS property to change the border of an element to Hex EAB442 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
#EAB442 }
```

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

```
.border{ border-color:#EAB442 }
```

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

Here you see how a box with a 4 pixel #EAB442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAB442; -webkit-box-shadow:4px 4px  
4px 4px #EAB442; box-shadow:4px 4px 4px  
4px #EAB442 }
```

# Background

The CSS property to change the background color of an element to Hex EAB442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAB442 }
```

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

```
.background{ background-color:#EAB442 }
```

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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