

Converting Colors

Hex(EAB651)

Have a look what the booklet for
Hex(EAB651) contains.

Hex(EAB651)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EAB651)

Conversions

Conversions Part 1

Format	Color
Hex	EAB651
RGB	234, 182, 81
RGB Percent	92%, 71%, 32%
CMY	0.0824, 0.2863, 0.6824
CMYK	0.00, 0.22, 0.65, 0.08
HSL	40°, 78%, 62%
HSV	40°, 65%, 92%
XYZ	52.1448, 51.5424, 14.9849
YIQ	186.0340, 63.4130, -20.3870

Conversions

Conversions Part 2

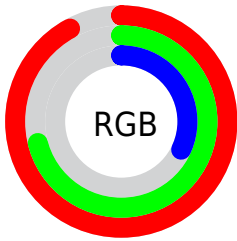
Format	Color
RYB	160, 234, 81
Decimal	15382097
CIELab	77.01, 8.43, 57.10
CIELCh	77, 57.716, 81.603
Yxy	51.5424, 0.4394, 0.4343
Android (android.graphics.Color)	4293572177 (0xFFEAB651)
YUV	186.0340, -51.7818, 42.0662
Hunter-Lab	71.7930, 4.0106, 37.8799

Details

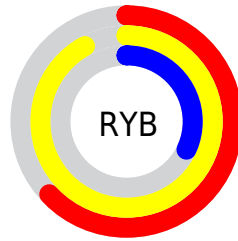
The Hex color **EAB651** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5185EA**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFEE86**, and **AE811A** is the 20% darker color. If you saturate the color by 10%, you get **EAAE3A**, and if you desaturate by 10%, it is **EABE68**.

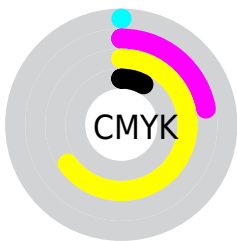
Distribution



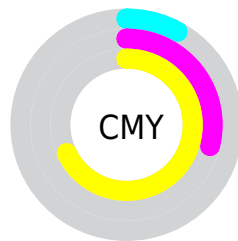
- Red (92%)
- Green (71%)
- Blue (32%)



- Red (63%)
- Yellow (92%)
- Blue (32%)



- Cyan (0%)
- Magenta (22%)
- Yellow (65%)
- Black (8%)



- Cyan (8%)
- Magenta (29%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color EAB651 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 EAB651 by changing the saturation by 10% instead.

 EAB651

 EAB651

FFFFFF

 CC9B37

 FFEE86

 AE811A

 FFFFA1

 926800

 FFFFBD

 755000

 FFFFDA

 593A00

 FFFFF7

 3E2400

 251000

 000000

 EAB651

 EAB651

 EAAE3A

 EABE68

 EAA622

 EAC680

 EA9E0B

 EACE97

 EA9A00

 EAD6AF

 EADEC6

 EAE6DD

 EAEEF5

 EAF6FF

 EAFEFF

Harmonies

Analogous

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



FFA26C



EAB651



B7C756

Triad

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



EAB651



00D9E4



F1A1FF

Complementary

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



EAB651



5185EA

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.



A9B6FF



EAB651



00D4FF

Square

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



EAB651



00D8AD



00C8FF



FF92CF

Rectangle

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



EAB651



8FCF6B



00C8FF



DDA8FF

Sweetspot

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



EAB651



FFEECC



EA5187



807561



000000



808080

Same Dimension

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



EAB651



FFBB38



D3EA51



75716A



B57800



362300

Inverse Universe

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



5185EA



387CFF



6851EA



6A6E75



003EB5



001236

Previews

White Background



This preview shows how the Hex color EAB651 looks on a white background.

Color Contrast Check

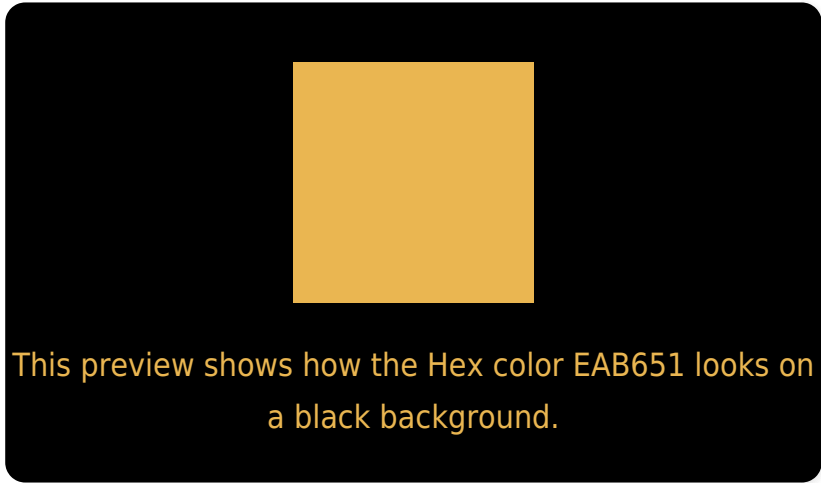
Large Text (above 18pt) WCAG AA × Fail

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 EAB651 Background



This preview shows how black text looks on a background with the Hex color EAB651.

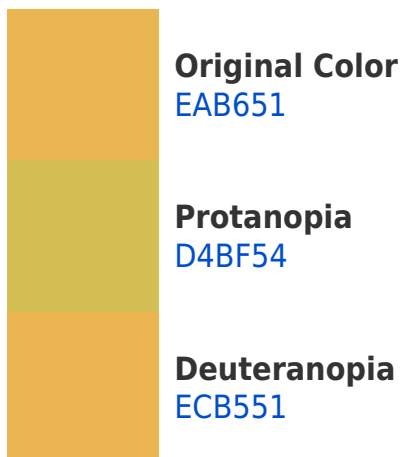


This preview shows how white text looks on a background with the Hex color EAB651.

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](#).

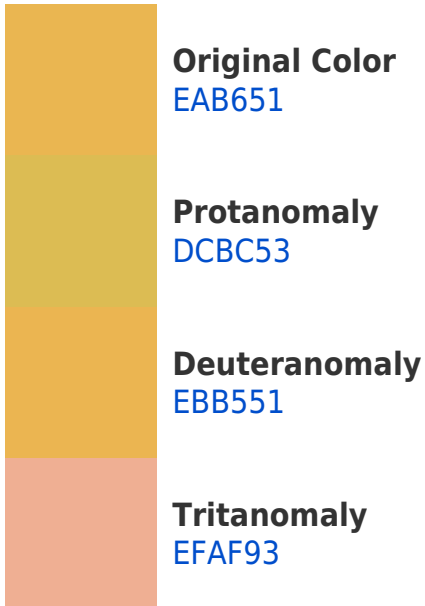
Dichromacy





Tritanopia
F2ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EAB651 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 #EAB651 looks like.

```
.text, #text, p{  
    color:#EAB651  
}
```

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 #EAB651 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAB651
}
```

Border

The CSS property to change the border of an element to Hex EAB651 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
#EAB651 }
```

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

```
.border{ border-color:#EAB651 }
```

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

Here you see how a box with a 4 pixel #EAB651 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAB651; -webkit-box-shadow:4px 4px  
4px 4px #EAB651; box-shadow:4px 4px 4px  
4px #EAB651 }
```

Background

The CSS property to change the background color of an element to Hex EAB651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAB651 }
```

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

```
.background{ background-color:#EAB651 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor