

# Converting Colors

Hex(E9AB41)

Have a look what the booklet for  
Hex(E9AB41) contains.

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# **Color**

**Hex(E9AB41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9AB41
RGB	233, 171, 65
RGB Percent	91%, 67%, 25%
CMY	0.0863, 0.3294, 0.7451
CMYK	0.00, 0.27, 0.72, 0.09
HSL	38°, 79%, 58%
HSV	38°, 72%, 91%
XYZ	49.1213, 46.8311, 11.4514
YIQ	177.4540, 70.9780, -19.8220

# Conversions

## Conversions Part 2

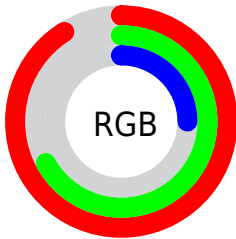
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 233, 65
Decimal	15313729
CIELab	74.08, 12.97, 60.91
CIELCh	74, 62.273, 77.982
Yxy	46.8311, 0.4574, 0.4360
Android (android.graphics.Color)	4293503809 (0xFFE9AB41)
YUV	177.4540, -55.4398, 48.7138
Hunter-Lab	68.4333, 8.3689, 37.9819

# Details

The Hex color **E9AB41** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **417FE9**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFE276**, and **AD7700** is the 20% darker color. If you saturate the color by 10%, you get **E9A22A**, and if you desaturate by 10%, it is **E9B458**.

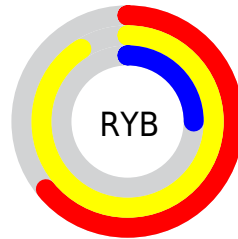
# Distribution



Red (91%)

Green (67%)

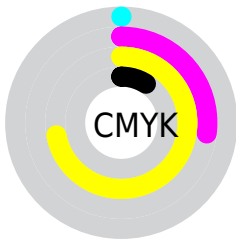
Blue (25%)



Red (64%)

Yellow (91%)

Blue (25%)

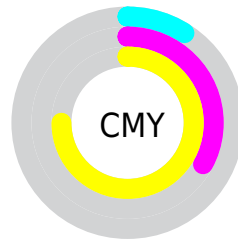


Cyan (0%)

Magenta (27%)

Yellow (72%)

Black (9%)



Cyan (9%)

Magenta (33%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9AB41 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 E9AB41 by changing the saturation by 10% instead.



 E9AB41

 E9AB41

FFFFFF

 CB9125

 FFE276

 AD7700

 FFFF92

 8F5E00

 FFFFAD

 734700

 FFFFCA

 573100

 FFFF E6

 3C1C00

 240400

 000000

 E9AB41

 E9AB41

 E9A22A

 E9B458

 E99A12

 E9BC70

 E99300

 E9C587

 E9CD9E

 E9D6B5

 E9DFCD

 E9E7E4

 E9F0FB

 E9F8FF

# Harmonies

## Analogous

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



FF9563



E9AB41



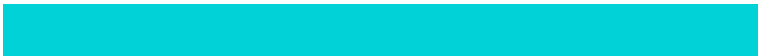
B4BE41

# Triad

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



E9AB41



00D2D8



E599FF

# Complementary

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



E9AB41



417FE9

# 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.



90B0FF



E9AB41



00CEFF

# Square

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



E9AB41



00D19C



00C3FF



FF86D0

# Rectangle

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



E9AB41



8AC757



00C3FF



CDA1FF

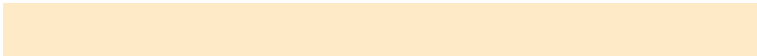


# Sweetspot

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



E9AB41



FFEAC7



E94181



80735E



000000



808080



# Same Dimension

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



E9AB41



FFAD21



D5E941



75716A



B57200



362200



# Inverse Universe

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



417FE9



2173FF



5541E9



6A6E75



0043B5



001436



# Previews

## White Background



This preview shows how the Hex color E9AB41 looks on a white background.

## Color Contrast Check

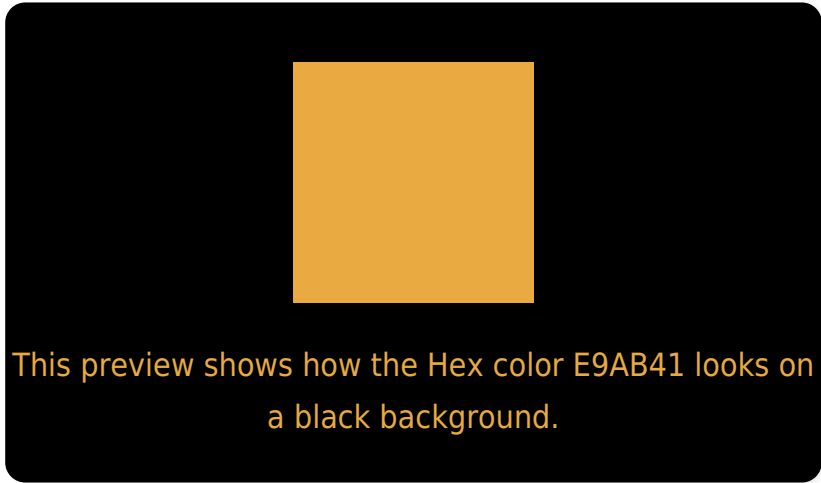
Large Text (above 18pt) WCAG AA × Fail

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 E9AB41 Background



This preview shows how black text looks on a background with the Hex color E9AB41.



This preview shows how white text looks on a background with the Hex color E9AB41.

# 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



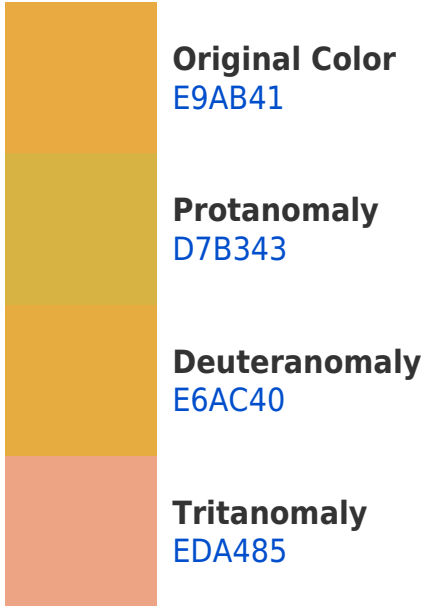
**Original Color**  
E9AB41

**Protanopia**  
CCB744

**Deuteranopia**  
E4AD40



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9AB41 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 #E9AB41 looks like.

```
.text, #text, p{  
    color:#E9AB41  
}
```

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 #E9AB41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9AB41
}
```

## Border

The CSS property to change the border of an element to Hex E9AB41 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
#E9AB41 }
```

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

```
.border{ border-color:#E9AB41 }
```

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

Here you see how a box with a 4 pixel #E9AB41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9AB41; -webkit-box-shadow:4px 4px  
4px 4px #E9AB41; box-shadow:4px 4px 4px  
4px #E9AB41 }
```

# Background

The CSS property to change the background color of an element to Hex E9AB41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9AB41 }
```

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

```
.background{ background-color:#E9AB41 }
```

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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