

# Converting Colors

Hex(E3A13E)

Have a look what the booklet for  
Hex(E3A13E) contains.

<b>Hex(E3A13E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E3A13E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3A13E
RGB	227, 161, 62
RGB Percent	89%, 63%, 24%
CMY	0.1098, 0.3686, 0.7569
CMYK	0.00, 0.29, 0.73, 0.11
HSL	36°, 75%, 57%
HSV	36°, 73%, 89%
XYZ	45.2929, 42.1684, 10.3096
YIQ	169.4480, 71.1150, -16.7970

# Conversions

## Conversions Part 2

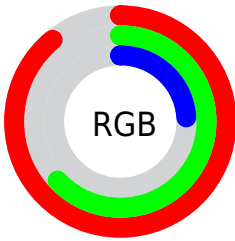
Format	Color
<a href="#">RYB</a>	<a href="#">172, 227, 62</a>
Decimal	<a href="#">14917950</a>
CIELab	<a href="#">70.99, 15.60, 58.82</a>
CIELCh	<a href="#">71, 60.853, 75.148</a>
Yxy	<a href="#">42.1684, 0.4633, 0.4313</a>
Android (android.graphics.Color)	<a href="#">4293108030 (0xFFE3A13E)</a>
YUV	<a href="#">169.4480, -52.9719, 50.4731</a>
Hunter-Lab	<a href="#">64.9372, 10.8614, 36.0431</a>

# Details

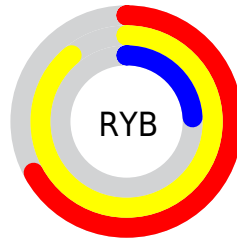
The Hex color **E3A13E** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **3E80E3**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFD873**, and **A76E00** is the 20% darker color. If you saturate the color by 10%, you get **E39827**, and if you desaturate by 10%, it is **E3AA55**.

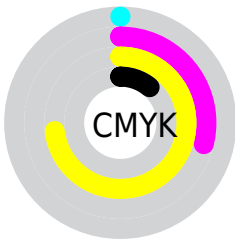
# Distribution



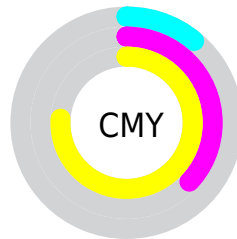
- Red (89%)
- Green (63%)
- Blue (24%)



- Red (67%)
- Yellow (89%)
- Blue (24%)



- Cyan (0%)
- Magenta (29%)
- Yellow (73%)
- Black (11%)



- Cyan (11%)
- Magenta (37%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3A13E 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 E3A13E by changing the saturation by 10% instead.



 E3A13E

 E3A13E

FFFFFF

 C58722

 FFD873

 A76E00

 FFF48E

 8A5500

 FFFFA9

 6D3E00

 FFFFC5

 512800

 FFFF2

 361300

 1F0000

 000000

 E3A13E

 E3A13E

 E39827

 E3AA55

 E38F11

 E3B36B

 E38800

 E3BC82

 E3C599

 E3CEB0

 E3D7C6

 E3E1DD

 E3EAF4

 E3F3FF

# Harmonies

## Analogous

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



FF8C61



E3A13E



B1B43A

# Triad

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



E3A13E



00C9C9



D593FC

# Complementary

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



E3A13E



3E80E3

# 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.



7DAAFF



E3A13E



00C6FB

# Square

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



E3A13E



00C78F



00BCFF



FF80CC

# Rectangle

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



E3A13E



89BD4E



00BCFF



BD9BFF

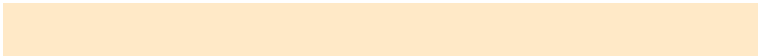


# Sweetspot

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



E3A13E



FFE9C7



E33E80



80725E



000000



808080



# Same Dimension

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



E3A13E



FFA621



D3E33E



736E67



B36B00



331F00



# Inverse Universe

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



3E80E3



217AFF



4E3EE3



676C73



0047B3



001433



# Previews

## White Background



This preview shows how the Hex color E3A13E looks on a white background.

## Color Contrast Check

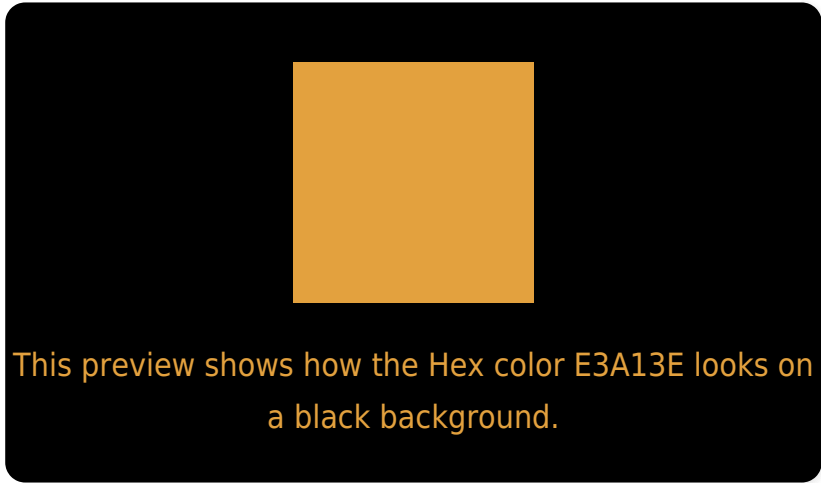
Large Text (above 18pt) WCAG AA × Fail

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 E3A13E Background



This preview shows how black text looks on a background with the Hex color E3A13E.



This preview shows how white text looks on a background with the Hex color E3A13E.

# 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**  
E3A13E

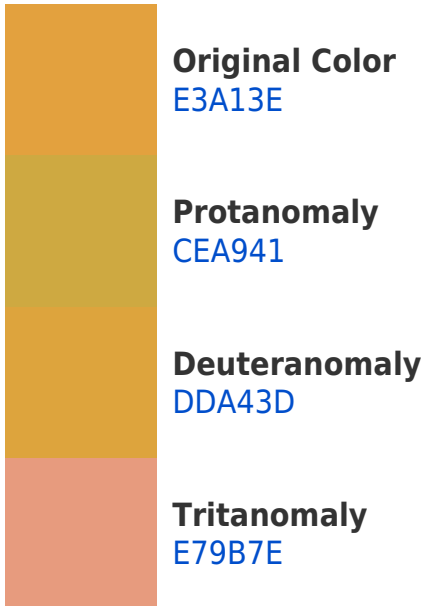
**Protanopia**  
C2AE42

**Deuteranopia**  
DAA53D



**Tritanopia**  
E997A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3A13E 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 #E3A13E looks like.

```
.text, #text, p{  
    color:#E3A13E  
}
```

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 #E3A13E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3A13E
}
```

## Border

The CSS property to change the border of an element to Hex E3A13E 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
#E3A13E }
```

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

```
.border{ border-color:#E3A13E }
```

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

Here you see how a box with a 4 pixel #E3A13E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3A13E; -webkit-box-shadow:4px 4px  
4px 4px #E3A13E; box-shadow:4px 4px 4px  
4px #E3A13E }
```

# Background

The CSS property to change the background color of an element to Hex E3A13E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3A13E }
```

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

```
.background{ background-color:#E3A13E }
```

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