

# Converting Colors

Hex(E1A64E)

Have a look what the booklet for  
Hex(E1A64E) contains.

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# **Color**

**Hex(E1A64E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1A64E
RGB	225, 166, 78
RGB Percent	88%, 65%, 31%
CMY	0.1176, 0.3490, 0.6941
CMYK	0.00, 0.26, 0.65, 0.12
HSL	36°, 71%, 59%
HSV	36°, 65%, 88%
XYZ	46.0627, 43.8300, 13.2400
YIQ	173.6090, 63.4120, -14.8600

# Conversions

## Conversions Part 2

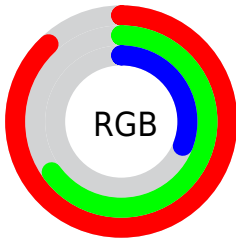
Format	Color
<a href="#">RYB</a>	<a href="#">177, 225, 78</a>
Decimal	<a href="#">14788174</a>
<a href="#">CIELab</a>	<a href="#">72.11, 12.94, 52.84</a>
<a href="#">CIELCh</a>	<a href="#">72, 54.398, 76.242</a>
<a href="#">Yxy</a>	<a href="#">43.8300, 0.4466, 0.4250</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4292978254 (0xFFE1A64E)</a>
<a href="#">YUV</a>	<a href="#">173.6090, -47.1352, 45.0699</a>
<a href="#">Hunter-Lab</a>	<a href="#">66.2043, 8.3368, 34.4857</a>

# Details

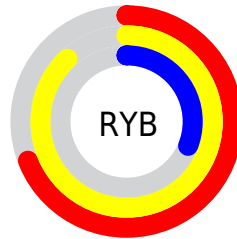
The Hex color **E1A64E** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4E89E1**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFDD82**, and **A67219** is the 20% darker color. If you saturate the color by 10%, you get **E19D38**, and if you desaturate by 10%, it is **E1AF65**.

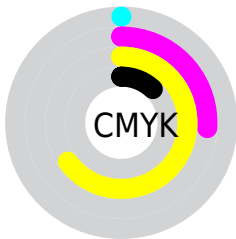
# Distribution



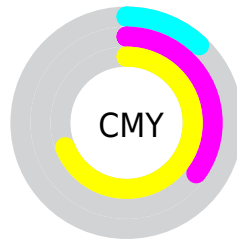
- Red (88%)
- Green (65%)
- Blue (31%)



- Red (69%)
- Yellow (88%)
- Blue (31%)



- Cyan (0%)
- Magenta (26%)
- Yellow (65%)
- Black (12%)



- Cyan (12%)
- Magenta (35%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1A64E 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 E1A64E by changing the saturation by 10% instead.



 E1A64E

 E1A64E

FFFFFF

 C38C34

 FFDD82

 A67219


 FFF99D

 895A00

 FFFFB9

 6D4200

 FFFF5D

 512C00

 FFFFF2

 371800

 1F0000

 000000

 E1A64E

 E1A64E

 E19D38


 E1AF65

 E19421

 E1B87B

 E18B0B

 E1C192

 E18700

 E1CAA8

 E1D3BF

 E1DCD5

 E1E5EB

 E1EEFF

 E1F7FF

# Harmonies

## Analogous

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



FF946B



E1A64E



B3B74D

# Triad

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



E1A64E



00CACB



D799F6

# Complementary

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



E1A64E



4E89E1

# 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.



8DADFF



E1A64E



00C6F7

# Square

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



E1A64E



10C897



00BDFE



FF89CA

# Rectangle

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



E1A64E



8FBF5D



00BDFF



C2A0FF



# Sweetspot

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



E1A64E



FFEBCB



E14E8B



807361



000000



808080



# Same Dimension

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



E1A64E



FFAF38



D5E14E



706C65



B06900



301D00



# Inverse Universe

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



4E89E1



3888FF



5A4EE1



656970



0047B0



001330



# Previews

## White Background



This preview shows how the Hex color E1A64E looks on a white background.

## Color Contrast Check

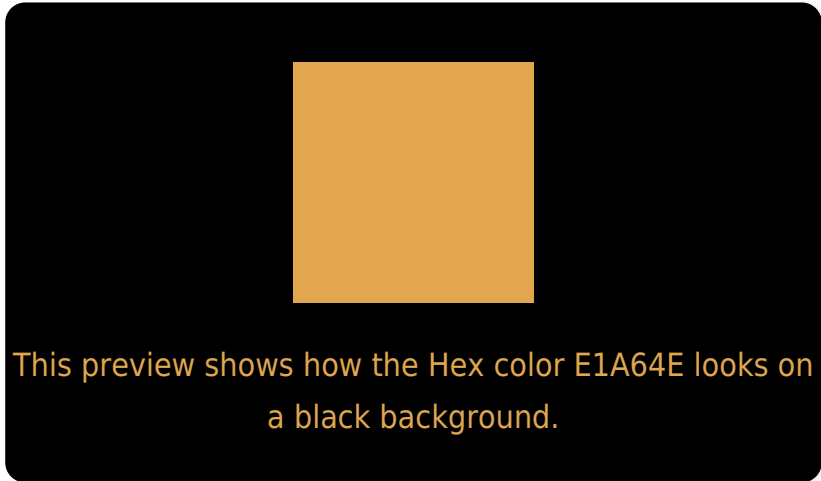
Large Text (above 18pt) WCAG AA × Fail

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 E1A64E Background



This preview shows how black text looks on a background with the Hex color E1A64E.

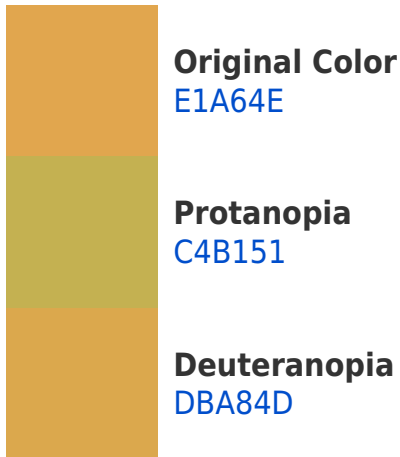


This preview shows how white text looks on a background with the Hex color E1A64E.

# 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](#).

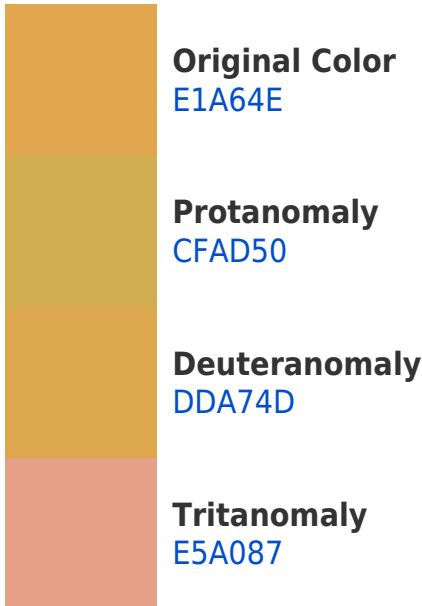
## Dichromacy





**Tritanopia**  
E89CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1A64E 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 #E1A64E looks like.

```
.text, #text, p{  
    color:#E1A64E  
}
```

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 #E1A64E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1A64E
}
```

## Border

The CSS property to change the border of an element to Hex E1A64E 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
#E1A64E }
```

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

```
.border{ border-color:#E1A64E }
```

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

Here you see how a box with a 4 pixel #E1A64E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1A64E; -webkit-box-shadow:4px 4px  
4px 4px #E1A64E; box-shadow:4px 4px 4px  
4px #E1A64E }
```

# Background

The CSS property to change the background color of an element to Hex E1A64E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1A64E }
```

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

```
.background{ background-color:#E1A64E }
```

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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