

# Converting Colors

Hex(E1A53C)

Have a look what the booklet for  
Hex(E1A53C) contains.

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# **Color**

**Hex(E1A53C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1A53C
RGB	225, 165, 60
RGB Percent	88%, 65%, 24%
CMY	0.1176, 0.3529, 0.7647
CMYK	0.00, 0.27, 0.73, 0.12
HSL	38°, 73%, 56%
HSV	38°, 73%, 88%
XYZ	45.3221, 43.2441, 10.2332
YIQ	170.9700, 69.4650, -19.9350

# Conversions

## Conversions Part 2

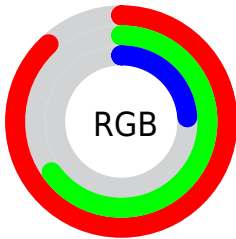
Format	Color
<a href="#">RYB</a>	<a href="#">154, 225, 60</a>
Decimal	<a href="#">14787900</a>
CIELab	<a href="#">71.72, 12.52, 60.31</a>
CIElCh	<a href="#">72, 61.597, 78.272</a>
Yxy	<a href="#">43.2441, 0.4587, 0.4377</a>
Android (android.graphics.Color)	<a href="#">4292977980 (0xFFE1A53C)</a>
YUV	<a href="#">170.9700, -54.7082, 47.3843</a>
Hunter-Lab	<a href="#">65.7602, 7.9422, 36.8058</a>

# Details

The Hex color **E1A53C** 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 **3C78E1**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFDC71**, and **A57100** is the 20% darker color. If you saturate the color by 10%, you get **E19D26**, and if you desaturate by 10%, it is **E1AD53**.

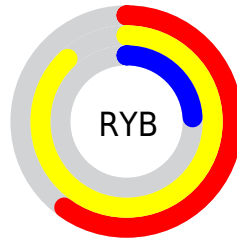
# Distribution



Red (88%)

Green (65%)

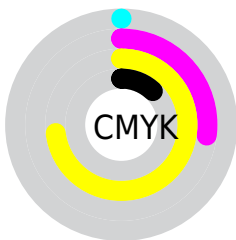
Blue (24%)



Red (60%)

Yellow (88%)

Blue (24%)

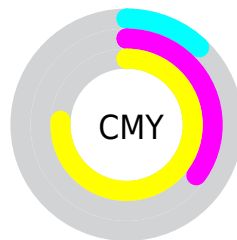


Cyan (0%)

Magenta (27%)

Yellow (73%)

Black (12%)



Cyan (12%)

Magenta (35%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1A53C 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 E1A53C by changing the saturation by 10% instead.



 E1A53C

 E1A53C

FFFFFF

 C38B1F

 FFDC71

 A57100

 FFF88C

 885900

 FFFFA8

 6C4200

 FFFFC4

 502C00

 FFFFE1

 351700

FFFFFFE

 1E0000

 000000

 E1A53C

 E1A53C

 E19D26

 E1AD53

 E1950F

 E1B569

 E18F00

 E1BE7F

 E1C696

 E1CEAD

 E1D6C3

 E1DEDA

 E1E6F0

 E1EFFF

# Harmonies

## Analogous

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



FF8F5E



E1A53C



ADB73D

# Triad

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



E1A53C



00CBD1



DE92FB

# Complementary

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



E1A53C



3C78E1

# 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.



8AAAF



E1A53C



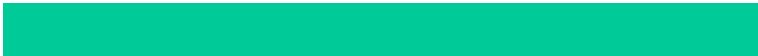
00C7FF

# Square

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



E1A53C



00CA97



00BCFF



FF80C8

# Rectangle

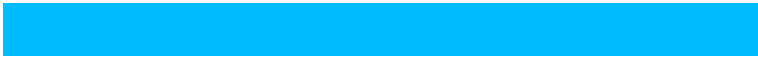
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E1A53C



84C052



00BCFF



C79AFF



# Sweetspot

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



E1A53C



FFEBC7



E13C79



80735E



000000



808080



# Same Dimension

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



E1A53C



FFAD1F



CBE13C



706C65



B07000



301F00



# Inverse Universe

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



3C78E1



1F70FF



523CE1



656970



0040B0



001230



# Previews

## White Background



This preview shows how the Hex color E1A53C looks on a white background.

## Color Contrast Check

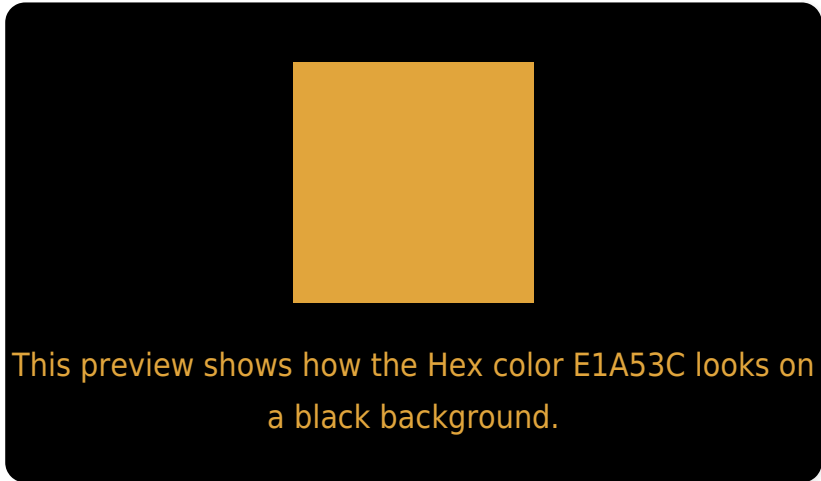
Large Text (above 18pt) WCAG AA × Fail

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

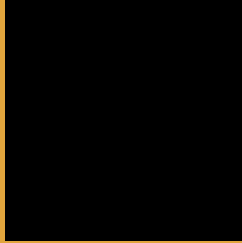
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E1A53C Background



This preview shows how black text looks on a background with the Hex color E1A53C.



This preview shows how white text looks on a background with the Hex color E1A53C.

# 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**  
E1A53C

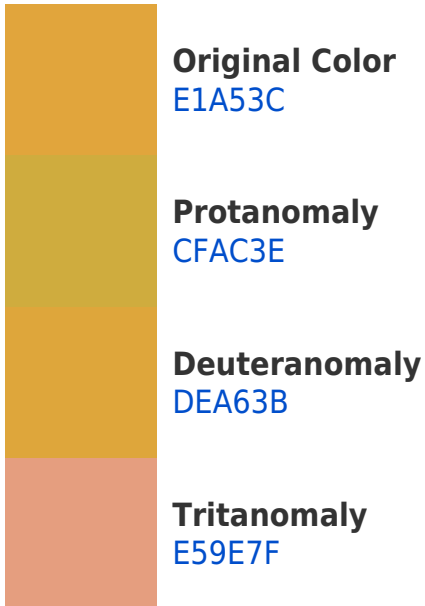
**Protanopia**  
C5B03F

**Deuteranopia**  
DCA73B

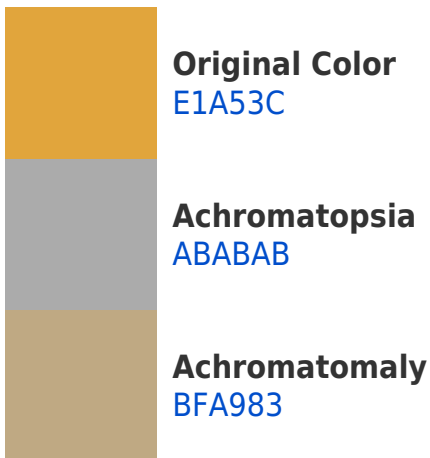


**Tritanopia**  
E89AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1A53C 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 #E1A53C looks like.

```
.text, #text, p{  
    color:#E1A53C  
}
```

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 #E1A53C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1A53C
}
```

## Border

The CSS property to change the border of an element to Hex E1A53C 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
#E1A53C }
```

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

```
.border{ border-color:#E1A53C }
```

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

Here you see how a box with a 4 pixel #E1A53C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1A53C; -webkit-box-shadow:4px 4px  
4px 4px #E1A53C; box-shadow:4px 4px 4px  
4px #E1A53C }
```

# Background

The CSS property to change the background color of an element to Hex E1A53C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1A53C }
```

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

```
.background{ background-color:#E1A53C }
```

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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