

# Converting Colors

Hex(E1852D)

Have a look what the booklet for  
Hex(E1852D) contains.

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**Color**

**Hex(E1852D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E1852D
RGB	225, 133, 45
RGB Percent	88%, 52%, 18%
CMY	0.1176, 0.4784, 0.8235
CMYK	0.00, 0.41, 0.80, 0.12
HSL	29°, 75%, 53%
HSV	29°, 80%, 88%
XYZ	39.9125, 32.9721, 6.7432
YIQ	150.4760, 83.0800, -7.8640

# Conversions

## Conversions Part 2

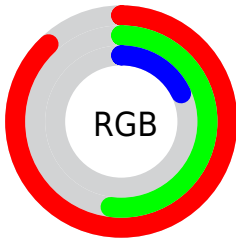
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 217, 45
Decimal	14779693
CIE Lab	64.14, 29.00, 59.04
CIE LCh	64, 65.778, 63.842
Yxy	32.9721, 0.5012, 0.4141
Android (android.graphics.Color)	4292969773 (0xFFE1852D)
YUV	150.4760, -51.9997, 65.3575
Hunter-Lab	57.4213, 23.5848, 33.2322

# Details

The Hex color **E1852D** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2D89E1**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFBB62**, and **A45300** is the 20% darker color. If you saturate the color by 10%, you get **E17A16**, and if you desaturate by 10%, it is **E19144**.

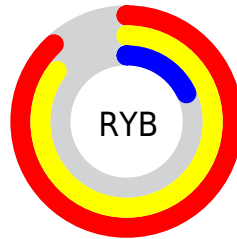
# Distribution



Red (88%)

Green (52%)

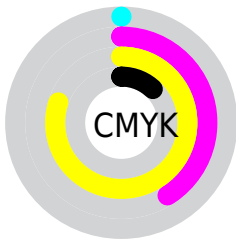
Blue (18%)



Red (88%)

Yellow (85%)

Blue (18%)

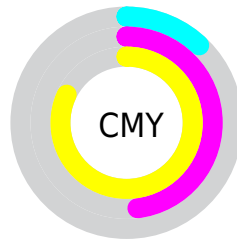


Cyan (0%)

Magenta (41%)

Yellow (80%)

Black (12%)



Cyan (12%)

Magenta (48%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1852D 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 E1852D by changing the saturation by 10% instead.



 E1852D

 E1852D

FFFFFF

 C26B0E

 FFBB62

 A45300

 FFD77C

 863A00

 FFF397

 682300

 FFFFB3

 4C0B00

 FFFFCF

 310000

 FFFFEC

 0A0000

 000000

 E1852D

 E1852D

 E17A16

 E19144

 E16E00

 E19C5A

 E1A871

 E1B387

 E1BF9D

 E1CAB4

 E1D6CB

 E1E1E1

 E1ECF8

# Harmonies

## Analogous

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



FF6D5D



E1852D



B29B0E

# Triad

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



E1852D



00B7A2



A688FE

# Complementary

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



E1852D



2D89E1

# 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.



00A0FF



E1852D



00B6DB

# Square

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



E1852D



00B365



00AFFF



E86ED0

# Rectangle

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



E1852D



8BA620



00AFFF



8491FF

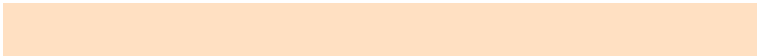


# Sweetspot

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



E1852D



FFE0C2



E12D8A



806D5B



000000



808080



# Same Dimension

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



E1852D



FF820A



E1DE2D



706A65



B05600



301800



# Inverse Universe

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



2D89E1



0A87FF



2D30E1



656B70



005AB0



001930



# Previews

## White Background



This preview shows how the Hex color E1852D 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 E1852D Background



This preview shows how black text looks on a background with the Hex color E1852D.



This preview shows how white text looks on a background with the Hex color E1852D.

# 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**  
E1852D

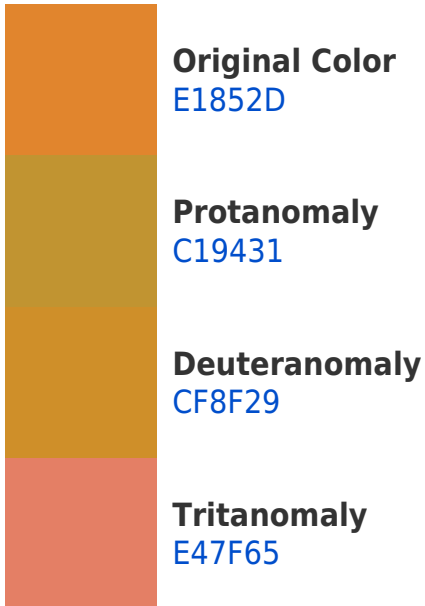
**Protanopia**  
AF9C33

**Deuteranopia**  
C49427



**Tritanopia**  
E57C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1852D 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 #E1852D looks like.

```
.text, #text, p{  
    color:#E1852D  
}
```

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 #E1852D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1852D
}
```

## Border

The CSS property to change the border of an element to Hex E1852D 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
#E1852D }
```

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

```
.border{ border-color:#E1852D }
```

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

Here you see how a box with a 4 pixel #E1852D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1852D; -webkit-box-shadow:4px 4px  
4px 4px #E1852D; box-shadow:4px 4px 4px  
4px #E1852D }
```

# Background

The CSS property to change the background color of an element to Hex E1852D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1852D }
```

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

```
.background{ background-color:#E1852D }
```

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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