

# Converting Colors

Hex(E1672A)

Have a look what the booklet for  
Hex(E1672A) contains.

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**Color**

**Hex(E1672A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E1672A
RGB	225, 103, 42
RGB Percent	88%, 40%, 16%
CMY	0.1176, 0.5961, 0.8353
CMYK	0.00, 0.54, 0.81, 0.12
HSL	20°, 75%, 52%
HSV	20°, 81%, 88%
XYZ	36.3195, 25.8752, 5.2707
YIQ	132.5240, 92.2930, 6.8930

# Conversions

## Conversions Part 2

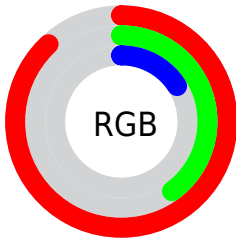
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 134, 42
Decimal	14772010
CIE Lab	57.92, 44.22, 54.56
CIE LCh	58, 70.224, 50.976
Yxy	25.8752, 0.5383, 0.3835
Android (android.graphics.Color)	4292962090 (0xFFE1672A)
YUV	132.5240, -44.6283, 81.1015
Hunter-Lab	50.8677, 38.4305, 29.4640

# Details

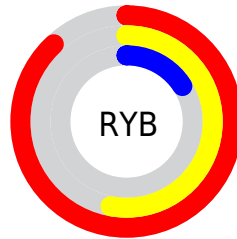
The Hex color **E1672A** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **2AA4E1**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF9D5C**, and **A23300** is the 20% darker color. If you saturate the color by 10%, you get **E15814**, and if you desaturate by 10%, it is **E17641**.

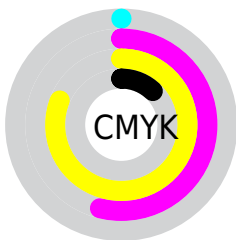
# Distribution



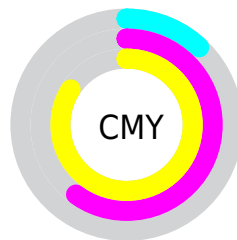
- Red (88%)
- Green (40%)
- Blue (16%)



- Red (88%)
- Yellow (53%)
- Blue (16%)



- Cyan (0%)
- Magenta (54%)
- Yellow (81%)
- Black (12%)



- Cyan (12%)
- Magenta (60%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1672A 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 E1672A by changing the saturation by 10% instead.



 E1672A

 E1672A

FFFFFF

 C24D0E

 FF9D5C

 A23300

 FFB876

 841600

 FFD591

 660000

 FFF2AC

 480000

 FFFFC8

 2F0002

 FFFFE4

 000000

 E1672A

 E1672A

 E15814

 E17641

 E14B00

 E18557

 E1946E

 E1A384

 E1B29B

 E1C1B1

 E1D0C8

 E1DFDE

 E1EEF4

# Harmonies

## Analogous

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



F74D63



E1672A



B78200

# Triad

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



E1672A



00A676



5F83FF

# Complementary

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



E1672A



2AA4E1

# 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.



0098FF



E1672A



00A7B6

# Square

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



E1672A



23A037



00A3EA



C265D9

# Rectangle

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



E1672A



929000



00A3EA



008BFF



# Sweetspot

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



E1672A



FFD6C2



E12AA4



80675B



000000



808080



# Same Dimension

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



E1672A



FF5805



E1C32A



706965



B03B00



301000



# Inverse Universe

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



2AA4E1



05ACFF



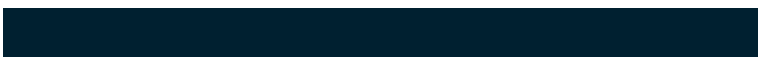
2A49E1



656C70



0075B0



002030



# Previews

## White Background



This preview shows how the Hex color E1672A looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex E1672A Background



This preview shows how black text looks on a background with the Hex color E1672A.



This preview shows how white text looks on a background with the Hex color E1672A.

# 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**  
E1672A

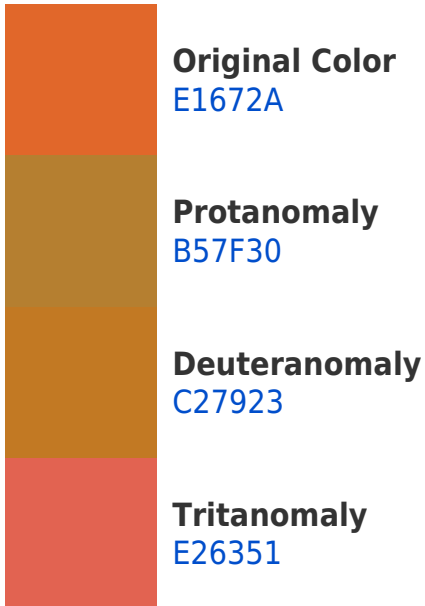
**Protanopia**  
9C8C34

**Deuteranopia**  
B0841F

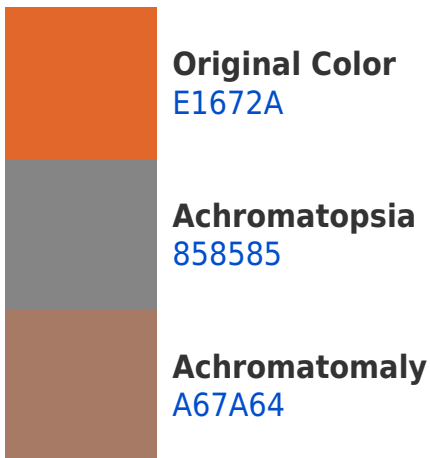


**Tritanopia**  
E36167

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1672A 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 #E1672A looks like.

```
.text, #text, p{  
    color:#E1672A  
}
```

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 #E1672A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1672A
}
```

## Border

The CSS property to change the border of an element to Hex E1672A 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
#E1672A }
```

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

```
.border{ border-color:#E1672A }
```

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

Here you see how a box with a 4 pixel #E1672A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1672A; -webkit-box-shadow:4px 4px  
4px 4px #E1672A; box-shadow:4px 4px 4px  
4px #E1672A }
```

# Background

The CSS property to change the background color of an element to Hex E1672A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1672A }
```

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

```
.background{ background-color:#E1672A }
```

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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