

# Converting Colors

Hex(E8522D)

Have a look what the booklet for  
Hex(E8522D) contains.

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# Color

Hex(E8522D)

# Conversions

## Conversions Part 1

Format	Color
Hex	E8522D
RGB	232, 82, 45
RGB Percent	91%, 32%, 18%
CMY	0.0902, 0.6784, 0.8235
CMYK	0.00, 0.65, 0.81, 0.09
HSL	12°, 80%, 54%
HSV	12°, 81%, 91%
XYZ	36.7697, 23.3799, 5.0574
YIQ	122.6320, 101.2770, 20.2930

# Conversions

## Conversions Part 2

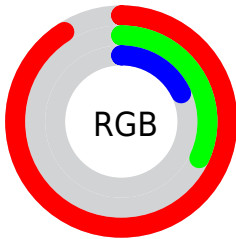
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 91, 45
Decimal	15225389
CIE <sub>Lab</sub>	55.46, 56.30, 51.32
CIE <sub>LCh</sub>	55, 76.178, 42.349
Yxy	23.3799, 0.5639, 0.3585
Android (android.graphics.Color)	4293415469 (0xFFE8522D)
YUV	122.6320, -38.2726, 95.9157
Hunter-Lab	48.3527, 51.1225, 27.6455

# Details

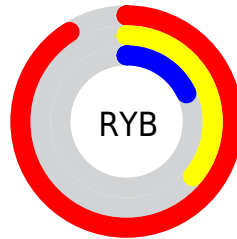
The Hex color **E8522D** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **2DC3E8**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF8A5E**, and **A81100** is the 20% darker color. If you saturate the color by 10%, you get **E83F16**, and if you desaturate by 10%, it is **E86544**.

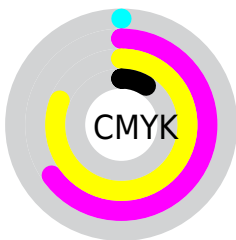
# Distribution



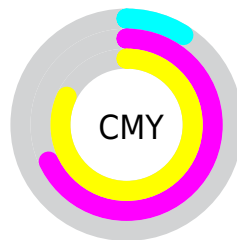
- Red (91%)
- Green (32%)
- Blue (18%)



- Red (91%)
- Yellow (36%)
- Blue (18%)



- Cyan (0%)
- Magenta (65%)
- Yellow (81%)
- Black (9%)



- Cyan (9%)
- Magenta (68%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8522D 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 E8522D by changing the saturation by 10% instead.



 E8522D

 E8522D

FFFFFF

 C83514

 FF8A5E

 A81100

 FFA678

 890000

 FFC292

 6A0000

 FFDFAD

 4C0001

 FFFDC9

 300002

 FFFF E5

 000000

 E8522D

 E8522D

 E83F16

 E86544

 E82E00

 E8775B

 E88A73

 E89C8A

 E8AFA1

 E8C2B8

 E8D4CF

 E8E7E7

 E8F9FE

# Harmonies

## Analogous

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



F8336D



E8522D



C07300

# Triad

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



E8522D



009F5A



0084FF

# Complementary

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



E8522D



2DC3E8

# 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.



0097FF



E8522D



00A29F

# Square

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



E8522D



369808



00A0DD



A865E8

# Rectangle

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



E8522D



9C8400



00A0DD



008CFF



# Sweetspot

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



E8522D



FFCEC2



E82DC6



80625B



000000



808080



# Same Dimension

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



E8522D



FF3908



E8AD2D



736A67



B32300



330A00

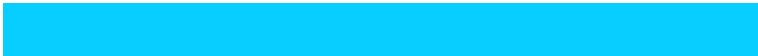


# Inverse Universe

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



2DC3E8



08CEFF



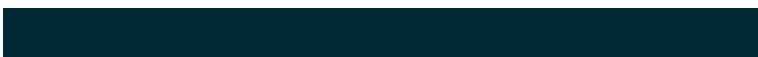
2D68E8



677073



008FB3



002933



# Previews

## White Background



This preview shows how the Hex color E8522D looks on a white background.

## Color Contrast Check

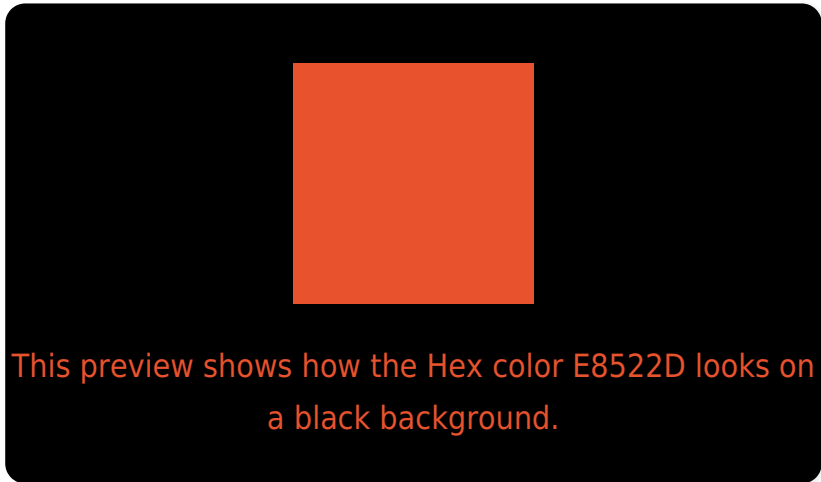
Large Text (above 18pt) WCAG AA ✓ Pass

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 E8522D Background



This preview shows how black text looks on a background with the Hex color E8522D.



This preview shows how white text looks on a background with the Hex color E8522D.

# 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**  
E8522D

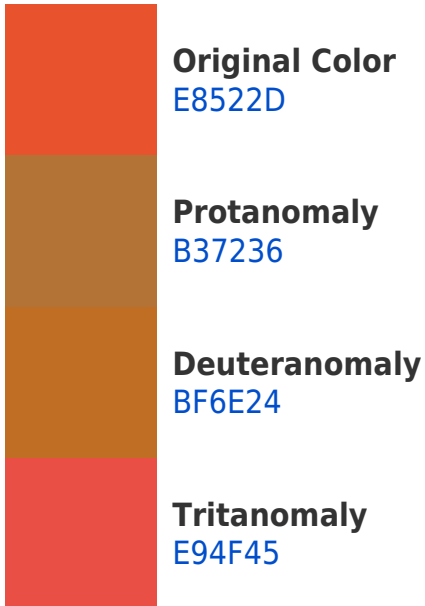
**Protanopia**  
94853B

**Deuteranopia**  
A87E1F



**Tritanopia**  
E94E52

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8522D 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 #E8522D looks like.

```
.text, #text, p{  
    color:#E8522D  
}
```

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 #E8522D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8522D
}
```

## Border

The CSS property to change the border of an element to Hex E8522D 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".

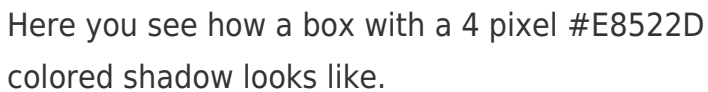
```
.border, #border, table{ border:4px solid
#E8522D }
```

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

```
.border{ border-color:#E8522D }
```

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

Here you see how a box with a 4 pixel #E8522D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8522D; -webkit-box-shadow:4px 4px  
4px 4px #E8522D; box-shadow:4px 4px 4px  
4px #E8522D }
```

# Background

The CSS property to change the background color of an element to Hex E8522D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8522D }
```

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

```
.background{ background-color:#E8522D }
```

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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