

# Converting Colors

Hex(EA523D)

Have a look what the booklet for  
Hex(EA523D) contains.

<b>Hex(EA523D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(EA523D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EA523D
RGB	234, 82, 61
RGB Percent	92%, 32%, 24%
CMY	0.0824, 0.6784, 0.7608
CMYK	0.00, 0.65, 0.74, 0.08
HSL	7°, 80%, 58%
HSV	7°, 74%, 92%
XYZ	37.7913, 23.8639, 7.0293
YIQ	125.0540, 97.3330, 25.6930

# Conversions

## Conversions Part 2

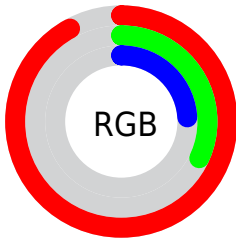
Format	Color
<a href="#">RYB</a>	<a href="#">234, 85, 61</a>
Decimal	<a href="#">15356477</a>
CIELab	<a href="#">55.95, 57.53, 43.82</a>
CIElCh	<a href="#">56, 72.321, 37.297</a>
Yxy	<a href="#">23.8639, 0.5502, 0.3474</a>
Android (android.graphics.Color)	<a href="#">4293546557</a> (0xFFEA523D)
YUV	<a href="#">125.0540, -31.5786, 95.5456</a>
Hunter-Lab	<a href="#">48.8507, 52.6002, 25.6641</a>

# Details

The Hex color **EA523D** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **3DD5EA**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF8A6E**, and **AB0F0F** is the 20% darker color. If you saturate the color by 10%, you get **EA3D26**, and if you desaturate by 10%, it is **EA6754**.

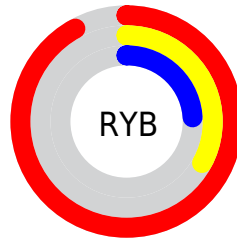
# Distribution



Red (92%)

Green (32%)

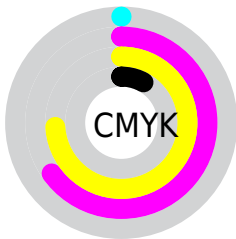
Blue (24%)



Red (92%)

Yellow (33%)

Blue (24%)

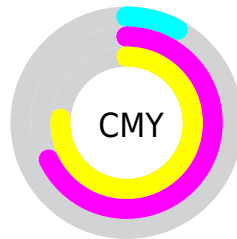


Cyan (0%)

Magenta (65%)

Yellow (74%)

Black (8%)



Cyan (8%)

Magenta (68%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA523D 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 EA523D by changing the saturation by 10% instead.



 EA523D

 EA523D

FFFFFF

 CA3526

 FF8A6E

 AB0F0F

 FFA687

 8C0000

 FFC3A2

 6C0000

 FFE0BD

 4E0000

 FFFDD9

 320002

 FFFFF6

 000000

 EA523D

 EA523D

 EA3D26

 EA6754

 EA290E

 EA7B6C

 EA1C00

 EA9083

 EAA49B

 EAB9B2

 EACDC9

 EAE2E1

 EAF6F8

 EAFFFF

# Harmonies

## Analogous

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



F43D7A



EA523D



C77100

# Triad

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



EA523D



009F52



0089FF

# Complementary

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



EA523D



3DD5EA

# 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.



009AFA



EA523D



00A294

# Square

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



EA523D



4F9705



00A1D1



996EEB

# Rectangle

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



EA523D



A68100



00A1D1



0090FF



# Sweetspot

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



EA523D



FFCEC7



EA3DD6



80625E



000000



808080



# Same Dimension

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



EA523D



FF381C



EAA83D



756B6A



B51600



360700



# Inverse Universe

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



3DD5EA



1CE3FF



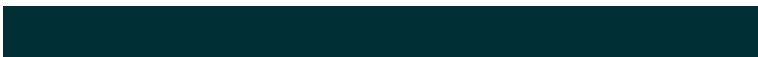
3D7FEA



6A7475



009FB5



002F36



# Previews

## White Background



This preview shows how the Hex color EA523D looks on a white background.

## Color Contrast Check

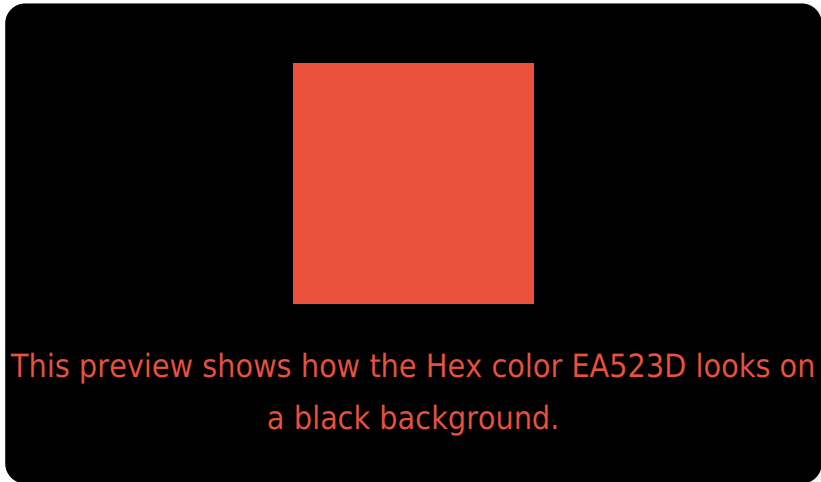
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA523D Background



This preview shows how black text looks on a background with the Hex color EA523D.

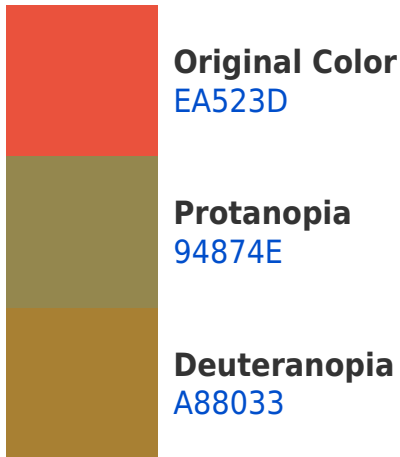


This preview shows how white text looks on a background with the Hex color EA523D.

# Color Blindness Simulation

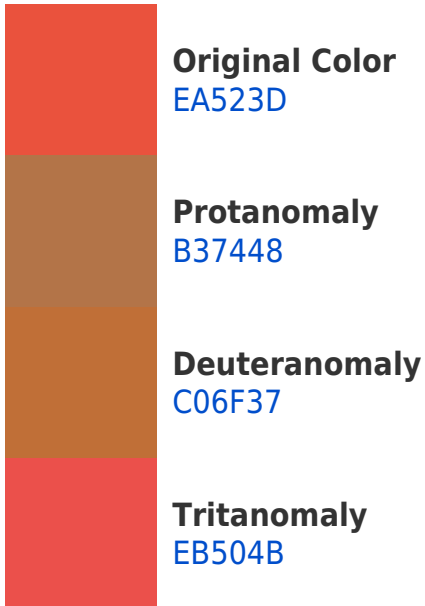
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

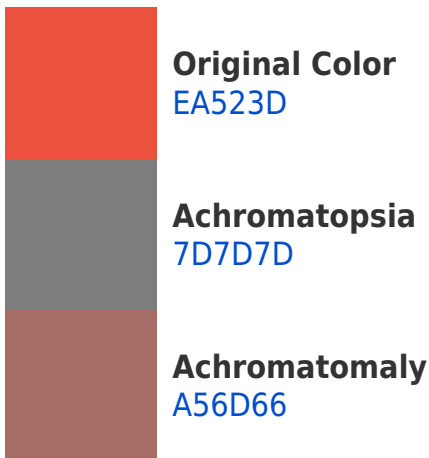




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA523D 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 #EA523D looks like.

```
.text, #text, p{  
    color:#EA523D  
}
```

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 #EA523D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA523D
}
```

## Border

The CSS property to change the border of an element to Hex EA523D 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
#EA523D }
```

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

```
.border{ border-color:#EA523D }
```

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

Here you see how a box with a 4 pixel #EA523D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA523D; -webkit-box-shadow:4px 4px  
4px 4px #EA523D; box-shadow:4px 4px 4px  
4px #EA523D }
```

# Background

The CSS property to change the background color of an element to Hex EA523D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA523D }
```

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

```
.background{ background-color:#EA523D }
```

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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