

Converting Colors

Hex(EB502D)

Have a look what the booklet for
Hex(EB502D) contains.

Hex(EB502D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EB502D)

Conversions

Conversions Part 1

Format	Color
Hex	EB502D
RGB	235, 80, 45
RGB Percent	92%, 31%, 18%
CMY	0.0784, 0.6863, 0.8235
CMYK	0.00, 0.66, 0.81, 0.08
HSL	11°, 83%, 55%
HSV	11°, 81%, 92%
XYZ	37.6033, 23.5890, 5.0538
YIQ	122.3550, 103.6150, 21.9750

Conversions

Conversions Part 2

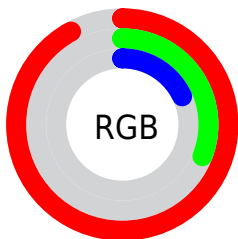
Format	Color
RYB	235, 88, 45
Decimal	15421485
CIELab	55.67, 58.12, 51.70
CIELCh	56, 77.785, 41.656
Yxy	23.5890, 0.5676, 0.3561
Android (android.graphics.Color)	4293611565 (0xFFEB502D)
YUV	122.3550, -38.1360, 98.7897
Hunter-Lab	48.5685, 53.2056, 27.8284

Details

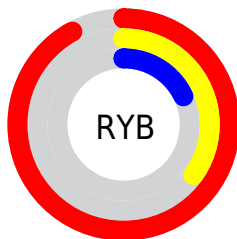
The Hex color **EB502D** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **2DC8EB**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF885E**, and **AB0A00** is the 20% darker color. If you saturate the color by 10%, you get **EB3D16**, and if you desaturate by 10%, it is **EB6345**.

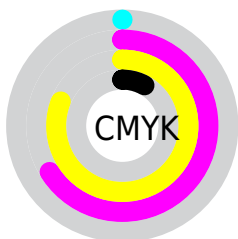
Distribution



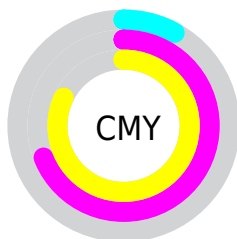
- Red (92%)
- Green (31%)
- Blue (18%)



- Red (92%)
- Yellow (35%)
- Blue (18%)



- Cyan (0%)
- Magenta (66%)
- Yellow (81%)
- Black (8%)



- Cyan (8%)
- Magenta (69%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB502D 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 EB502D by changing the saturation by 10% instead.

 EB502D

 EB502D

FFFFFF

 CB3214

 FF885E

 AB0A00

 FFA477

 8B0000

 FFC192

 6C0000

 FFDEAD

 4E0001

 FFFCC8

 320002

 FFFF E5

 000000

 EB502D

 EB502D

 EB3D16

 EB6345

■ EB2B00

■ EB765C

■ EB8A74

■ EB9D8B

■ EBB0A3

■ EBC3BA

■ EBD6D2

■ EBE9E9

■ EBFDFD

Harmonies

Analogous

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



FA2F6E



EB502D



C27300

Triad

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



EB502D



00A058



0085FF

Complementary

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



EB502D



2DC8EB

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.



0099FF



EB502D



00A39F

Square

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



EB502D



379900



00A1DE



A765EB

Rectangle

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



EB502D



9E8400



00A1DE



008DFF

Sweetspot

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



EB502D



FFCDC2



EB2DC8



80615B



000000



808080

Same Dimension

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



EB502D



FF3508



EBAF2D



756C6A



B52100



360A00

Inverse Universe

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



2DC8EB



08D1FF



2D69EB



6A7375



0094B5



002C36

Previews

White Background



This preview shows how the Hex color EB502D looks on a white background.

Color Contrast Check

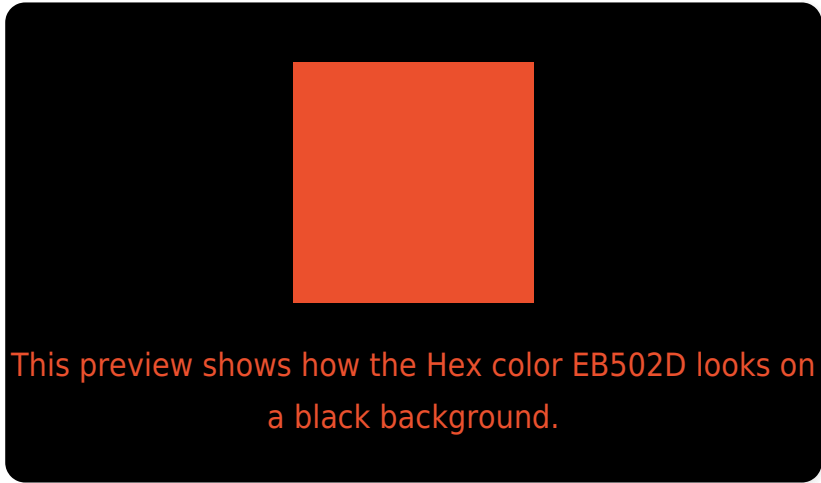
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB502D Background



This preview shows how black text looks on a background with the Hex color EB502D.

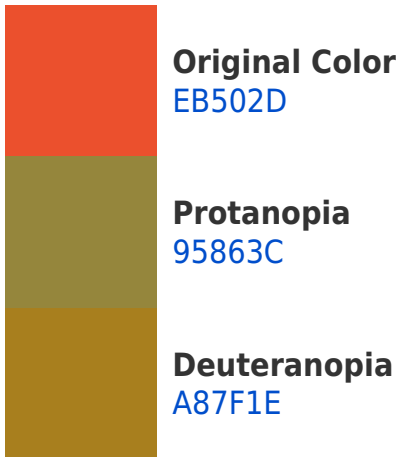


This preview shows how white text looks on a background with the Hex color EB502D.

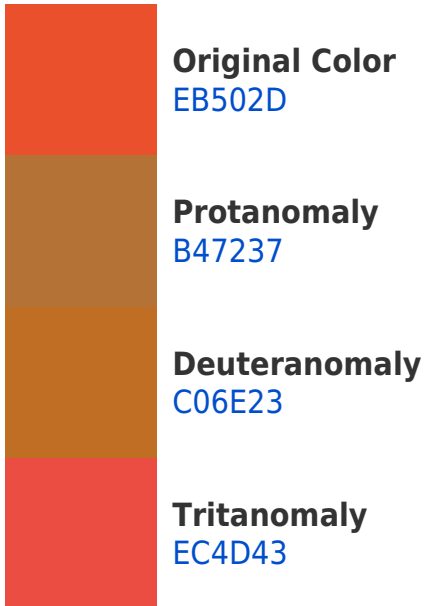
Color Blindness Simulation

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](#).

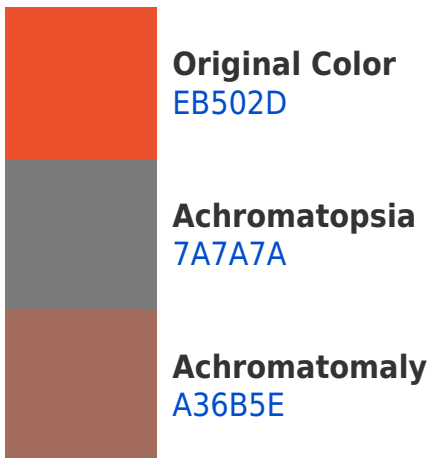
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EB502D 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 #EB502D looks like.

```
.text, #text, p{  
    color:#EB502D  
}
```

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 #EB502D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB502D
}
```

Border

The CSS property to change the border of an element to Hex EB502D 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".

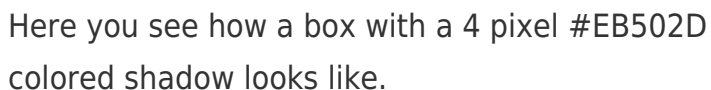
```
.border, #border, table{ border:4px solid
#EB502D }
```

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

```
.border{ border-color:#EB502D }
```

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

Here you see how a box with a 4 pixel #EB502D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB502D; -webkit-box-shadow:4px 4px  
4px 4px #EB502D; box-shadow:4px 4px 4px  
4px #EB502D }
```

Background

The CSS property to change the background color of an element to Hex EB502D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB502D }
```

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

```
.background{ background-color:#EB502D }
```

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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