

Converting Colors

Hex(EB513D)

Have a look what the booklet for
Hex(EB513D) contains.

Hex(EB513D)	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(EB513D)

Conversions

Conversions Part 1

Format	Color
Hex	EB513D
RGB	235, 81, 61
RGB Percent	92%, 32%, 24%
CMY	0.0784, 0.6824, 0.7608
CMYK	0.00, 0.66, 0.74, 0.08
HSL	7°, 81%, 58%
HSV	7°, 74%, 92%
XYZ	38.0457, 23.8839, 7.0197
YIQ	124.7660, 98.2040, 26.4280

Conversions

Conversions Part 2

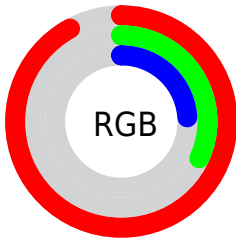
Format	Color
RYB	235, 84, 61
Decimal	15421757
CIELab	55.97, 58.27, 43.89
CIELCh	56, 72.951, 36.990
Yxy	23.8839, 0.5518, 0.3464
Android (android.graphics.Color)	4293611837 (0xFFEB513D)
YUV	124.7660, -31.4366, 96.6752
Hunter-Lab	48.8712, 53.4356, 25.6936

Details

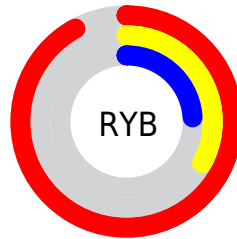
The Hex color **EB513D** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **3DD7EB**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF896E**, and **AB0C0F** is the 20% darker color. If you saturate the color by 10%, you get **EB3C25**, and if you desaturate by 10%, it is **EB6655**.

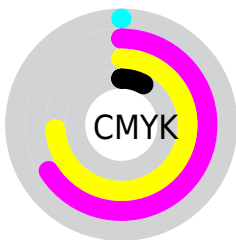
Distribution



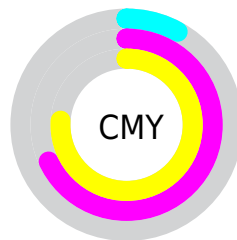
- Red (92%)
- Green (32%)
- Blue (24%)



- Red (92%)
- Yellow (33%)
- Blue (24%)



- Cyan (0%)
- Magenta (66%)
- Yellow (74%)
- Black (8%)



- Cyan (8%)
- Magenta (68%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB513D 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 EB513D by changing the saturation by 10% instead.

 EB513D

 EB513D

FFFFFF

 CB3326

 FF896E

 AB0C0F

 FFA587

 8C0000

 FFC2A2

 6D0000

 FFDFBD

 4F0001

 FFFDD9

 330002

 FFFFF6

 000000

 EB513D

 EB513D

 EB3C25

 EB6655

 EB270E

 EB7B6C

 EB1B00

 EB8F84

 EBA49B

 EBB9B3

 EBCECA

 EBE3E2

 EBF7F9

 EBFFFF

Harmonies

Analogous

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



F53B7A



EB513D



C87000

Triad

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



EB513D



009F51



0089FF

Complementary

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



EB513D



3DD7EB

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.



009AFB



EB513D



00A294

Square

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



EB513D



4F9701



00A1D1



986EEC

Rectangle

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



EB513D



A78100



00A1D1



0090FF

Sweetspot

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



EB513D



FFCDC7



EB3DDA



80625E



000000



808080

Same Dimension

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



EB513D



FF361C



EBA53D



756B6A



B51500



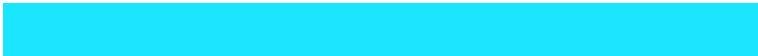
360600

Inverse Universe

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



3DD7EB



1CE5FF



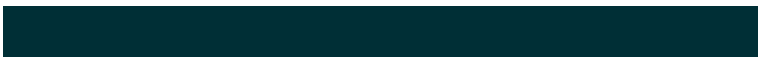
3D83EB



6A7475



00A0B5



002F36

Previews

White Background



This preview shows how the Hex color EB513D looks on a white background.

Color Contrast Check

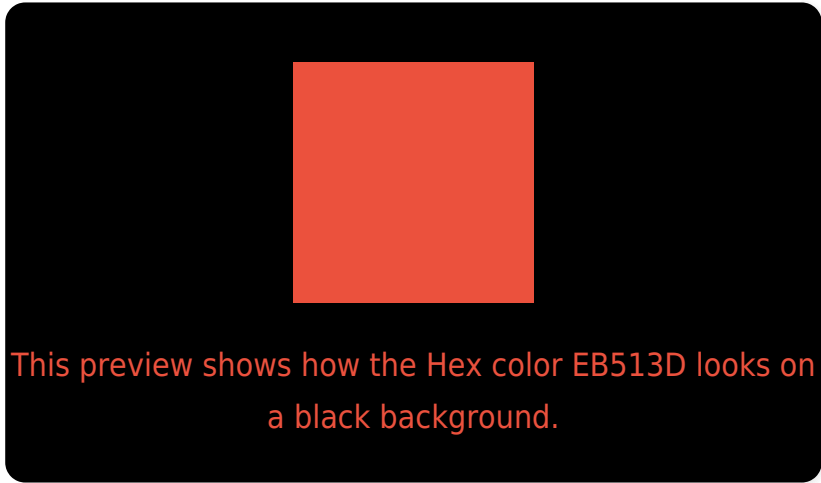
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB513D Background



This preview shows how black text looks on a background with the Hex color EB513D.

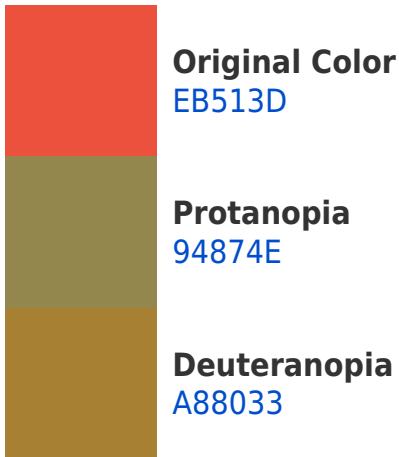


This preview shows how white text looks on a background with the Hex color EB513D.

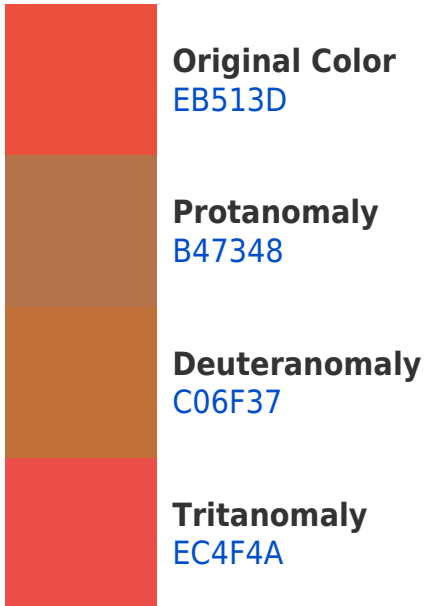
Color Blindness Simulation

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](#).

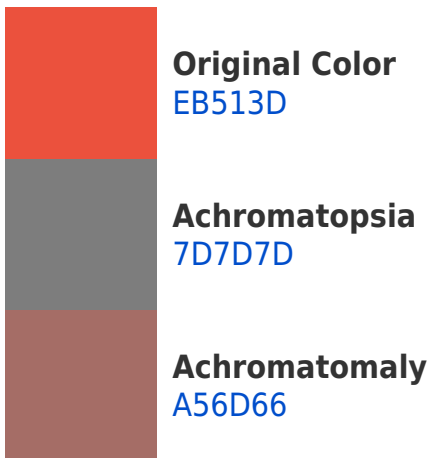
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EB513D 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 #EB513D looks like.

```
.text, #text, p{  
    color:#EB513D  
}
```

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 #EB513D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB513D
}
```

Border

The CSS property to change the border of an element to Hex EB513D 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
#EB513D }
```

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

```
.border{ border-color:#EB513D }
```

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

Here you see how a box with a 4 pixel #EB513D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB513D; -webkit-box-shadow:4px 4px  
4px 4px #EB513D; box-shadow:4px 4px 4px  
4px #EB513D }
```

Background

The CSS property to change the background color of an element to Hex EB513D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB513D }
```

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

```
.background{ background-color:#EB513D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor