

Converting Colors

Hex(EB5E40)

Have a look what the booklet for
Hex(EB5E40) contains.

Hex(EB5E40)	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(EB5E40)

Conversions

Conversions Part 1

Format	Color
Hex	EB5E40
RGB	235, 94, 64
RGB Percent	92%, 37%, 25%
CMY	0.0784, 0.6314, 0.7490
CMYK	0.00, 0.60, 0.73, 0.08
HSL	11°, 81%, 59%
HSV	11°, 73%, 92%
XYZ	39.1891, 26.0377, 7.8108
YIQ	132.7390, 93.6660, 20.5620

Conversions

Conversions Part 2

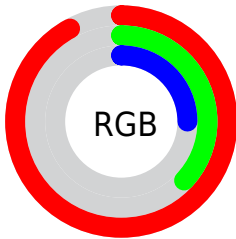
Format	Color
R _Y B	235, 100, 64
Decimal	15425088
CIE Lab	58.07, 52.87, 44.61
CIE LCh	58, 69.173, 40.159
Yxy	26.0377, 0.5366, 0.3565
Android (android.graphics.Color)	4293615168 (0xFFEB5E40)
YUV	132.7390, -33.8883, 89.6829
Hunter-Lab	51.0272, 47.7911, 26.6435

Details

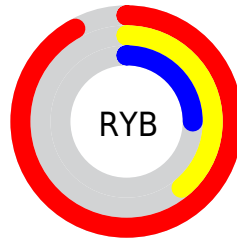
The Hex color **EB5E40** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark muted red. A complement of this color would be **40CDEB**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF9571**, and **AC2511** is the 20% darker color. If you saturate the color by 10%, you get **EB4B29**, and if you desaturate by 10%, it is **EB7158**.

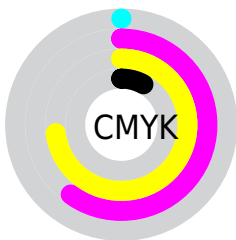
Distribution



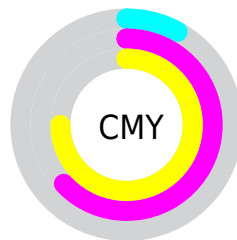
- Red (92%)
- Green (37%)
- Blue (25%)



- Red (92%)
- Yellow (39%)
- Blue (25%)



- Cyan (0%)
- Magenta (60%)
- Yellow (73%)
- Black (8%)



- Cyan (8%)
- Magenta (63%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB5E40 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 EB5E40 by changing the saturation by 10% instead.

 EB5E40

 EB5E40

FFFFFF

 CB4229

 FF9571

 AC2511

 FFB18B

 8D0000

 FFCEA6

 6E0000

 FFEBC1

 500000

 FFFFDD

 350002

 FFFFFA

 040000

 000000

 EB5E40

 EB5E40

 EB4B29

 EB7158

 EB3711

 EB856F

 EB2900

 EB9887

 EBAC9E

 EBBFB6

 EBD2CD

 EBE6E5

 EBF9FC

 EBFFFF

Harmonies

Analogous

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



F74A7A



EB5E40



C87A00

Triad

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



EB5E40



00A560



008CFF

Complementary

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



EB5E40



40CDEB

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.



009DFE



EB5E40



00A79F

Square

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



EB5E40



519D22



00A5D9



A771E9

Rectangle

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



EB5E40



A78900



00A5D9



0093FF

Sweetspot

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



EB5E40



FFD1C7



EB40CE



80645E



000000



808080

Same Dimension

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



EB5E40



FF4821



EBB240



756C6A



B52000



360900

Inverse Universe

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



40CDEB



21D8FF



4079EB



6A7375



0095B5



002C36

Previews

White Background



This preview shows how the Hex color EB5E40 looks on a white background.

Color Contrast Check

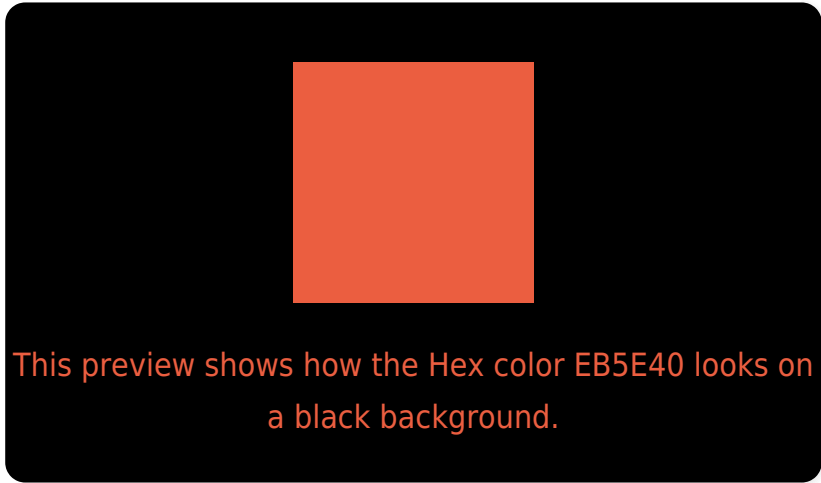
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB5E40 Background



This preview shows how black text looks on a background with the Hex color EB5E40.

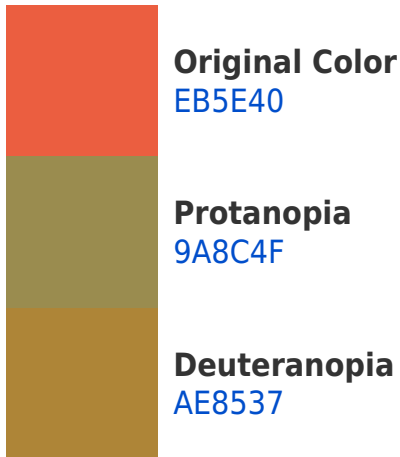


This preview shows how white text looks on a background with the Hex color EB5E40.

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



Original Color
EB5E40

Protanomaly
B77B4A

Deuteranomaly
C4773A

Tritanomaly
EC5B54

Monochromacy



Original Color
EB5E40

Achromatopsia
858585

Achromatomaly
AA776C

CSS Examples

Text

The CSS property to change the color of the text to Hex EB5E40 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 #EB5E40 looks like.

```
.text, #text, p{  
    color:#EB5E40  
}
```

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 #EB5E40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB5E40
}
```

Border

The CSS property to change the border of an element to Hex EB5E40 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
#EB5E40 }
```

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

```
.border{ border-color:#EB5E40 }
```

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

Here you see how a box with a 4 pixel #EB5E40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB5E40; -webkit-box-shadow:4px 4px  
4px 4px #EB5E40; box-shadow:4px 4px 4px  
4px #EB5E40 }
```

Background

The CSS property to change the background color of an element to Hex EB5E40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB5E40 }
```

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

```
.background{ background-color:#EB5E40 }
```

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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