

Converting Colors

Hex(EB5850)

Have a look what the booklet for
Hex(EB5850) contains.

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Color

Hex(EB5850)

Conversions

Conversions Part 1

Format	Color
Hex	EB5850
RGB	235, 88, 80
RGB Percent	92%, 35%, 31%
CMY	0.0784, 0.6549, 0.6863
CMYK	0.00, 0.63, 0.66, 0.08
HSL	3°, 79%, 62%
HSV	3°, 66%, 92%
XYZ	39.1986, 25.2208, 10.3915
YIQ	131.0410, 90.1800, 28.6760

Conversions

Conversions Part 2

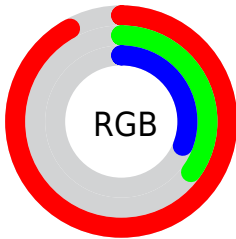
Format	Color
R _Y B	235, 88, 80
Decimal	15423568
CIE Lab	57.29, 56.27, 34.96
CIE LCh	57, 66.248, 31.855
Yxy	25.2208, 0.5240, 0.3371
Android (android.graphics.Color)	4293613648 (0xFFEB5850)
YUV	131.0410, -25.1632, 91.1720
Hunter-Lab	50.2203, 51.4397, 22.8860

Details

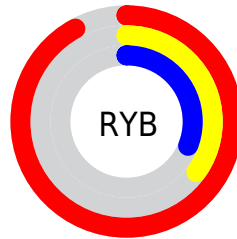
The Hex color **EB5850** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **50E3EB**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF9082**, and **AC1A23** is the 20% darker color. If you saturate the color by 10%, you get **EB4238**, and if you desaturate by 10%, it is **EB6E68**.

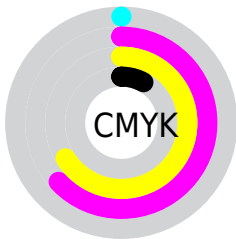
Distribution



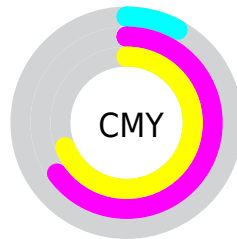
- Red (92%)
- Green (35%)
- Blue (31%)



- Red (92%)
- Yellow (35%)
- Blue (31%)



- Cyan (0%)
- Magenta (63%)
- Yellow (66%)
- Black (8%)



- Cyan (8%)
- Magenta (65%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB5850 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 EB5850 by changing the saturation by 10% instead.

 EB5850

 EB5850

FFFFFF

 CC3B39

 FF9082

 AC1A23

 FFAC9C

 8E000E

 FFC8B7

 6F0000

 FFE6D2

 510000

 FFFFEE

 350002

 040000

 000000

 EB5850

 EB5850

 EB4238

 EB6E68

 EB2B21

 EB857F

 EB150A

 EB9B96

 EB0C00

 EBB1AE

 EBC7C6

 EBDEDD

 EBF4F4

 EBFFFF

Harmonies

Analogous

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



EE4C88



EB5850



CF711C

Triad

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



EB5850



00A050



008FFE

Complementary

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



EB5850



50E3EB

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.



009DEF



EB5850



00A48C

Square

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



EB5850



679715



00A3C5



8C78ED

Rectangle

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



EB5850



B28100



00A3C5



0095FD

Sweetspot

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



EB5850



FFCFCC



EB50E3



806261



000000



808080

Same Dimension

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



EB5850



FF4036



EBA550



756A6A



B50900



360300

Inverse Universe

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



50E3EB



36F5FF



5096EB



6A7575



00ACB5



003336

Previews

White Background



This preview shows how the Hex color EB5850 looks on a white background.

Color Contrast Check

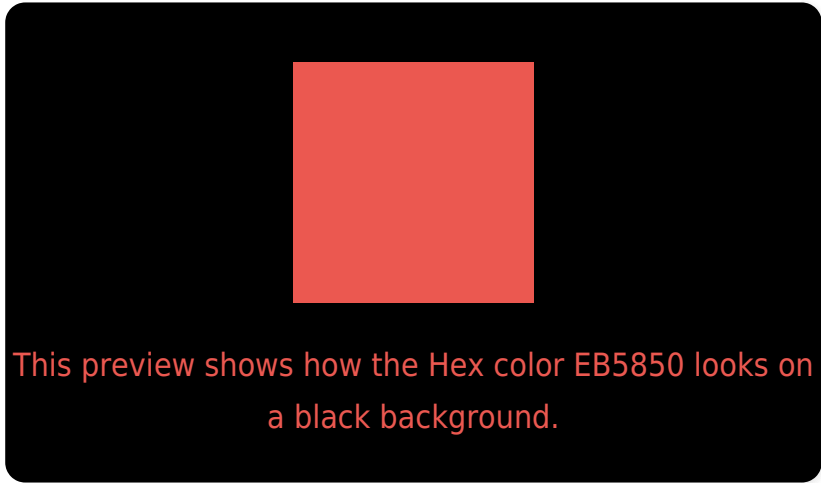
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB5850 Background



This preview shows how black text looks on a background with the Hex color EB5850.



This preview shows how white text looks on a background with the Hex color EB5850.

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

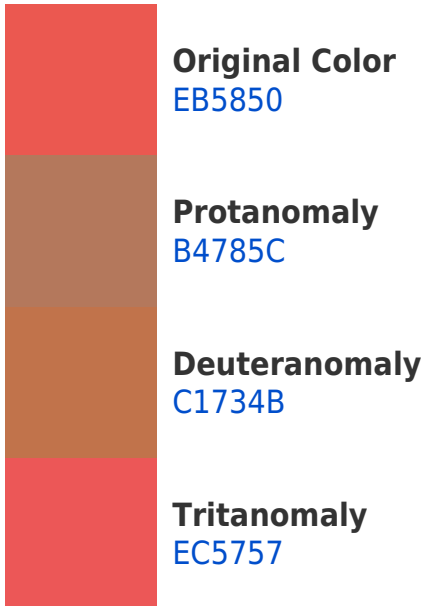


Original Color
EB5850

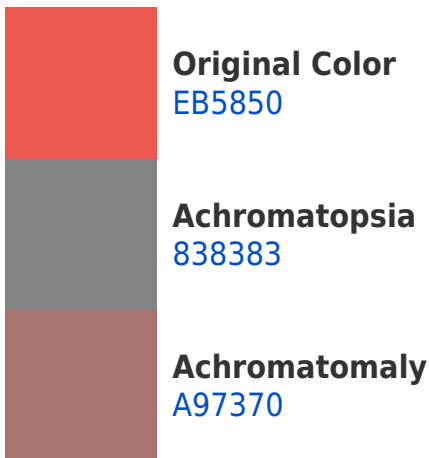
Protanopia
958A63

Deuteranopia
A98348

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EB5850 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 #EB5850 looks like.

```
.text, #text, p{  
    color:#EB5850  
}
```

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 #EB5850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB5850
}
```

Border

The CSS property to change the border of an element to Hex EB5850 is called "border". The border property can be set on classes, ids or directly on the HTML element.

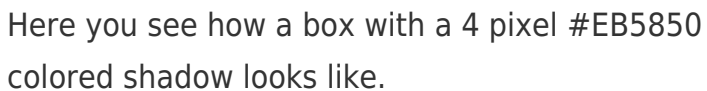
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EB5850 }
```

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

```
.border{ border-color:#EB5850 }
```

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



Here you see how a box with a 4 pixel `#EB5850` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB5850; -webkit-box-shadow:4px 4px  
4px 4px #EB5850; box-shadow:4px 4px 4px  
4px #EB5850 }
```

Background

The CSS property to change the background color of an element to Hex EB5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB5850 }
```

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

```
.background{ background-color:#EB5850 }
```

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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