

Converting Colors

Hex(EB3630)

Have a look what the booklet for
Hex(EB3630) contains.

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Color

Hex(EB3630)

Conversions

Conversions Part 1

Format	Color
Hex	EB3630
RGB	235, 54, 48
RGB Percent	92%, 21%, 19%
CMY	0.0784, 0.7882, 0.8118
CMYK	0.00, 0.77, 0.80, 0.08
HSL	2°, 82%, 55%
HSV	2°, 80%, 92%
XYZ	36.1136, 20.5139, 4.8525
YIQ	107.4350, 109.8020, 36.5060

Conversions

Conversions Part 2

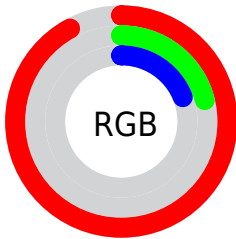
Format	Color
R_{YB}	235, 54, 48
Decimal	15414832
CIE Lab	52.41, 67.26, 47.05
CIE LCh	52, 82.079, 34.972
Yxy	20.5139, 0.5874, 0.3337
Android (android.graphics.Color)	4293604912 (0xFFEB3630)
YUV	107.4350, -29.3015, 111.8745
Hunter-Lab	45.2923, 63.0648, 25.3524

Details

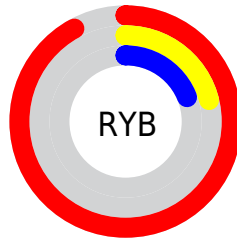
The Hex color **EB3630** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **30E5EB**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF7460**, and **AA0002** is the 20% darker color. If you saturate the color by 10%, you get **EB1F18**, and if you desaturate by 10%, it is **EB4D47**.

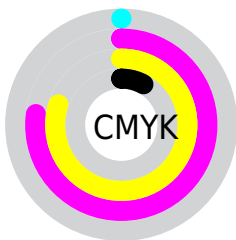
Distribution



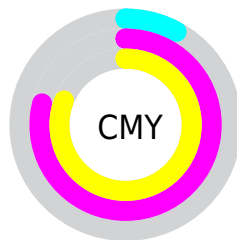
- Red (92%)
- Green (21%)
- Blue (19%)



- Red (92%)
- Yellow (21%)
- Blue (19%)



- Cyan (0%)
- Magenta (77%)
- Yellow (80%)
- Black (8%)



- Cyan (8%)
- Magenta (79%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB3630 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 EB3630 by changing the saturation by 10% instead.

 EB3630

 EB3630

FFFFFF

 CA0419

 FF7460

 AA0002

 FF9179

 8A0000

 FFAE93

 6B0000

 FFCBAE

 4D0003

 FFE9C9

 2E0002

 FFFFEE

 000000

 EB3630

 EB3630

 EB1F18

 EB4D47

 EB0901

 EB635F

 EB0800

 EB7A76

 EB918E

 EBA8A5

 EBBEBD

 EBD5D4

 EBCECE

 EBFFFF

Harmonies

Analogous

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



F50075



EB3630



C56200

Triad

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



EB3630



00973C



0083FF

Complementary

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



EB3630



30E5EB

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.



0094FE



EB3630



009A87

Square

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



EB3630



408F00



009ACD



8664F2

Rectangle

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



EB3630



A27600



009ACD



008AFF

Sweetspot

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



EB3630



FFC4C2



EB30E8



805C5B



000000



808080

Same Dimension

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



EB3630



FF150D



EB9130



756A6A



B50600



360200

Inverse Universe

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



30E5EB



0DF7FF



308AEB



6A7575



00AFB5



003436

Previews

White Background



This preview shows how the Hex color EB3630 looks on a white background.

Color Contrast Check

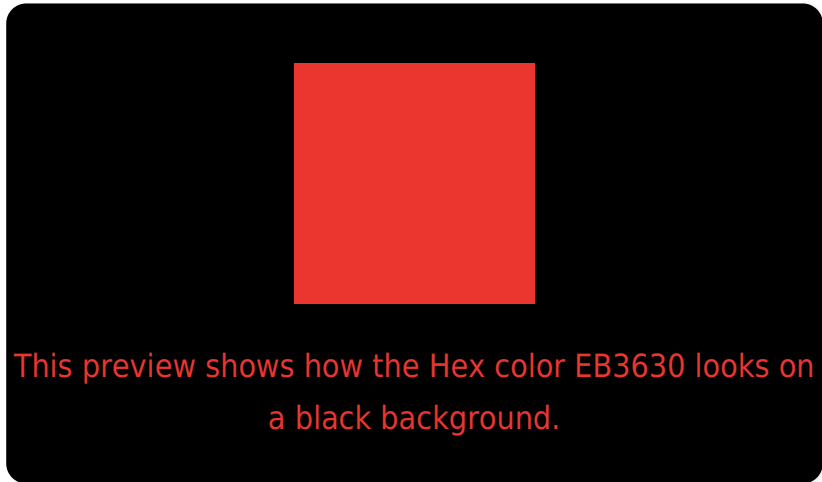
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB3630 Background



This preview shows how black text looks on a background with the Hex color EB3630.



This preview shows how white text looks on a background with the Hex color EB3630.

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
EB3630

Protanopia
8A7E44

Deuteranopia
9E7721



Trichromacy



Original Color
EB3630

Protanomaly
AD643D

Deuteranomaly
BA5F26

Tritanomaly
EB3534

Monochromacy



Original Color
EB3630

Achromatopsia
6B6B6B

Achromatomaly
9A5856

CSS Examples

Text

The CSS property to change the color of the text to Hex EB3630 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 #EB3630 looks like.

```
.text, #text, p{  
    color:#EB3630  
}
```

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 #EB3630 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB3630
}
```

Border

The CSS property to change the border of an element to Hex EB3630 is called "border". The border property can be set on classes, ids or directly on the HTML element.

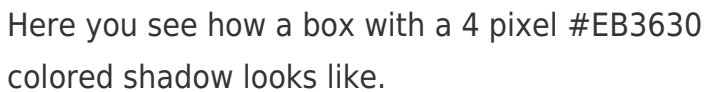
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EB3630 }
```

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

```
.border{ border-color:#EB3630 }
```

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



Here you see how a box with a 4 pixel #EB3630 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB3630; -webkit-box-shadow:4px 4px  
4px 4px #EB3630; box-shadow:4px 4px 4px  
4px #EB3630 }
```

Background

The CSS property to change the background color of an element to Hex EB3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB3630 }
```

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

```
.background{ background-color:#EB3630 }
```

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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