

Converting Colors

Hex(EB5030)

Have a look what the booklet for
Hex(EB5030) contains.

Hex(EB5030)	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(EB5030)

Conversions

Conversions Part 1

Format	Color
Hex	EB5030
RGB	235, 80, 48
RGB Percent	92%, 31%, 19%
CMY	0.0784, 0.6863, 0.8118
CMYK	0.00, 0.66, 0.80, 0.08
HSL	10°, 82%, 55%
HSV	10°, 80%, 92%
XYZ	37.6631, 23.6129, 5.3690
YIQ	122.6970, 102.6520, 22.9080

Conversions

Conversions Part 2

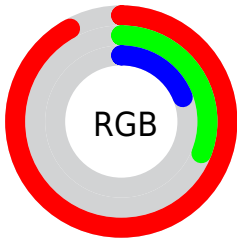
Format	Color
R_{YB}	235, 87, 48
Decimal	15421488
CIE Lab	55.70, 58.21, 50.28
CIE LCh	56, 76.915, 40.819
Yxy	23.6129, 0.5651, 0.3543
Android (android.graphics.Color)	4293611568 (0xFFEB5030)
YUV	122.6970, -36.8256, 98.4897
Hunter-Lab	48.5931, 53.3123, 27.4643

Details

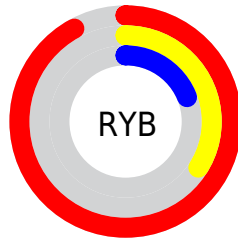
The Hex color **EB5030** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **30CBEB**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF8861**, and **AB0900** is the 20% darker color. If you saturate the color by 10%, you get **EB3D18**, and if you desaturate by 10%, it is **EB6347**.

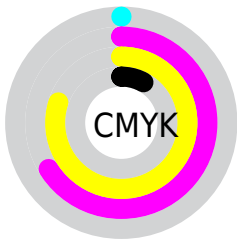
Distribution



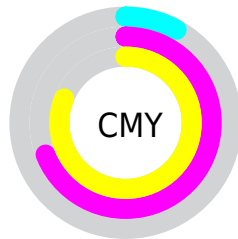
- Red (92%)
- Green (31%)
- Blue (19%)



- Red (92%)
- Yellow (34%)
- Blue (19%)



- Cyan (0%)
- Magenta (66%)
- Yellow (80%)
- Black (8%)



- Cyan (8%)
- Magenta (69%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB5030 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 EB5030 by changing the saturation by 10% instead.

 EB5030

 EB5030

FFFFFF

 CB3218

 FF8861

 AB0900

 FFA47A

 8C0000

 FFC195

 6C0000

 FFDEB0

 4E0001

 FFFCCB

 320002

 FFFFEE

 000000

 EB5030

 EB5030

 EB3D18

 EB6347

 EB2901

 EB775F

 EB2800

 EB8A76

 EB9E8E

 EBB1A5

 EBC5BD

 EBD8D4

 EBCECE

 EBFFFF

Harmonies

Analogous

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



F93170



EB5030



C37200

Triad

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



EB5030



00A057



0086FF

Complementary

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



EB5030



30CBEB

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



EB5030



00A39D

Square

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



EB5030



3C9900



00A1DC



A467EC

Rectangle

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



EB5030



A08300



00A1DC



008EFF

Sweetspot

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



EB5030



FFCC2



EB30CC



80615B



000000



808080

Same Dimension

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



EB5030



FF360D



EBAD30



756C6A



B51F00



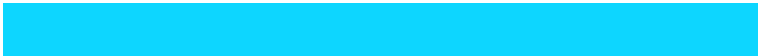
360900

Inverse Universe

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



30CBEB



0DD6FF



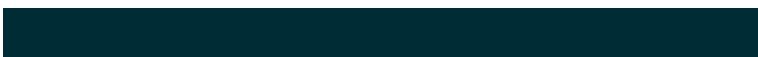
306EEB



6A7375



0096B5



002C36

Previews

White Background



This preview shows how the Hex color EB5030 looks on a white background.

Color Contrast Check

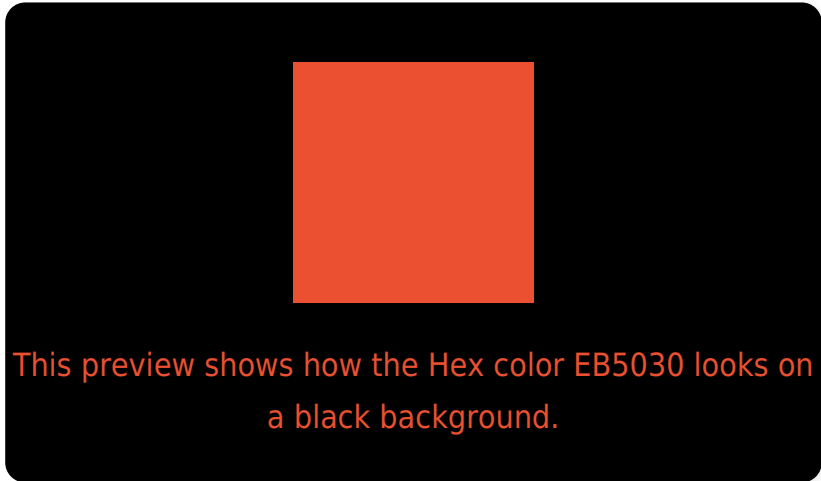
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB5030 Background



This preview shows how black text looks on a background with the Hex color EB5030.

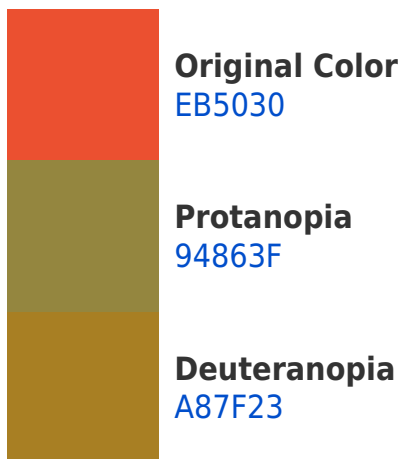


This preview shows how white text looks on a background with the Hex color EB5030.

Color Blindness Simulation

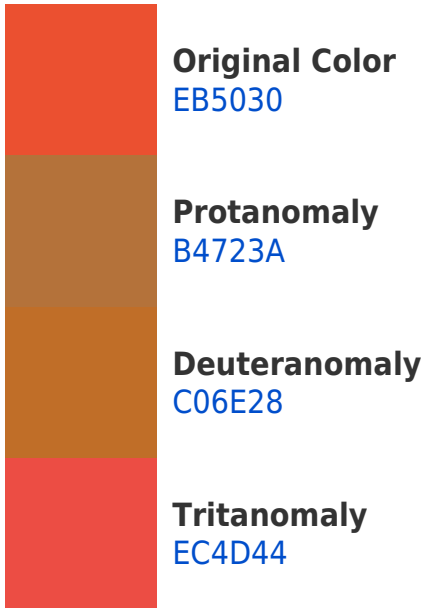
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EB5030 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 #EB5030 looks like.

```
.text, #text, p{  
    color:#EB5030  
}
```

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 #EB5030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB5030
}
```

Border

The CSS property to change the border of an element to Hex EB5030 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
#EB5030 }
```

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

```
.border{ border-color:#EB5030 }
```

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

Here you see how a box with a 4 pixel #EB5030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB5030; -webkit-box-shadow:4px 4px  
4px 4px #EB5030; box-shadow:4px 4px 4px  
4px #EB5030 }
```

Background

The CSS property to change the background color of an element to Hex EB5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB5030 }
```

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

```
.background{ background-color:#EB5030 }
```

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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