

Converting Colors

Hex(EB4131)

Have a look what the booklet for
Hex(EB4131) contains.

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Color

Hex(EB4131)

Conversions

Conversions Part 1

Format	Color
Hex	EB4131
RGB	235, 65, 49
RGB Percent	92%, 25%, 19%
CMY	0.0784, 0.7451, 0.8078
CMYK	0.00, 0.72, 0.79, 0.08
HSL	5°, 82%, 56%
HSV	5°, 79%, 92%
XYZ	36.7056, 21.6645, 5.1528
YIQ	114.0060, 106.4560, 31.0640

Conversions

Conversions Part 2

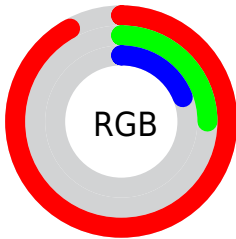
Format	Color
R_{YB}	235, 67, 49
Decimal	15417649
CIE _{Lab}	53.67, 63.81, 47.78
CIE _{LCh}	54, 79.717, 36.822
Yxy	21.6645, 0.5778, 0.3411
Android (android.graphics.Color)	4293607729 (0xFFEB4131)
YUV	114.0060, -32.0480, 106.1117
Hunter-Lab	46.5452, 59.3115, 26.0179

Details

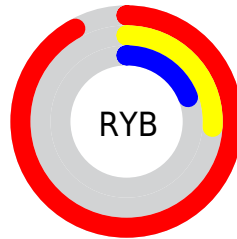
The Hex color **EB4131** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **31DBEB**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF7C61**, and **AB0002** is the 20% darker color. If you saturate the color by 10%, you get **EB2C19**, and if you desaturate by 10%, it is **EB5649**.

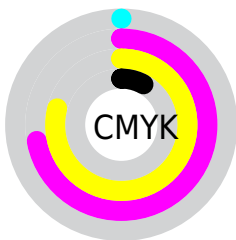
Distribution



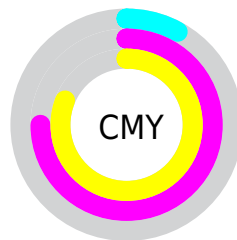
- Red (92%)
- Green (25%)
- Blue (19%)



- Red (92%)
- Yellow (26%)
- Blue (19%)



- Cyan (0%)
- Magenta (72%)
- Yellow (79%)
- Black (8%)



- Cyan (8%)
- Magenta (75%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB4131 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 EB4131 by changing the saturation by 10% instead.

 EB4131

 EB4131

FFFFFF

 CB1D1A

 FF7C61

 AB0002

 FF987A

 8B0000

 FFB595

 6B0000

 FFD2B0

 4D0002

 FFF0CB

 2F0002

 FFFF E8

 000000

 EB4131

 EB4131

 EB2C19

 EB5649

 EB1602

 EB6C60

 EB1400

 EB8178

 EB978F

 EBACA6

 EBC2BE

 EBD7D6

 EBEDED

 EBFFFF

Harmonies

Analogous

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



F61C74



EB4131



C56800

Triad

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



EB4131



009A46



0084FF

Complementary

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



EB4131



31DBEB

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.



0096FF



EB4131



009D8F

Square

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



EB4131



409200



009DD2



9165F0

Rectangle

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



EB4131



A27B00



009DD2



008CFF

Sweetspot

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



EB4131



FFC7C2



EB31DC



805E5B



000000



808080

Same Dimension

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



EB4131



FF220D



EB9E31



756B6A



B51000



360500

Inverse Universe

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



31DBEB



0DEAFF



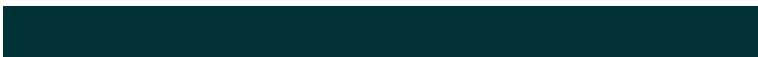
317FEB



6A7475



00A5B5



003136

Previews

White Background



This preview shows how the Hex color EB4131 looks on a white background.

Color Contrast Check

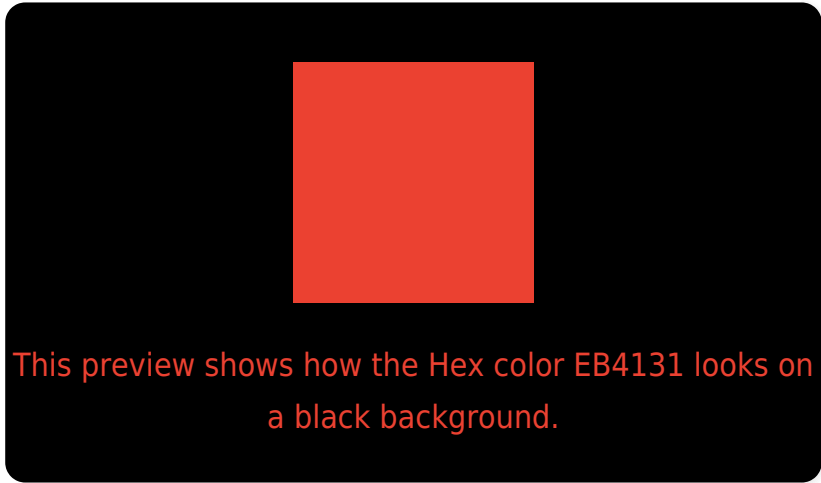
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB4131 Background



This preview shows how black text looks on a background with the Hex color EB4131.



This preview shows how white text looks on a background with the Hex color EB4131.

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
EB4131

Protanopia
8E8143

Deuteranopia
A27A23



Tritanopia
EB3F41

Trichromacy



Original Color
EB4131

Protanomaly
B06A3C

Deuteranomaly
BD6528

Tritanomaly
EB403B

Monochromacy



Original Color
EB4131

Achromatopsia
727272

Achromatomaly
9E605A

CSS Examples

Text

The CSS property to change the color of the text to Hex EB4131 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 #EB4131 looks like.

```
.text, #text, p{  
    color:#EB4131  
}
```

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 #EB4131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB4131
}
```

Border

The CSS property to change the border of an element to Hex EB4131 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
#EB4131 }
```

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

```
.border{ border-color:#EB4131 }
```

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

Here you see how a box with a 4 pixel #EB4131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB4131; -webkit-box-shadow:4px 4px  
4px 4px #EB4131; box-shadow:4px 4px 4px  
4px #EB4131 }
```

Background

The CSS property to change the background color of an element to Hex EB4131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB4131 }
```

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

```
.background{ background-color:#EB4131 }
```

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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