

Converting Colors

Hex(EB4E02)

Have a look what the booklet for
Hex(EB4E02) contains.

Hex(EB4E02)	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(EB4E02)

Conversions

Conversions Part 1

Format	Color
Hex	EB4E02
RGB	235, 78, 2
RGB Percent	92%, 31%, 1%
CMY	0.0784, 0.6941, 0.9922
CMYK	0.00, 0.67, 0.99, 0.08
HSL	20°, 98%, 46%
HSV	20°, 99%, 92%
XYZ	36.9963, 23.1153, 2.5692
YIQ	116.2790, 117.9680, 9.6480

Conversions

Conversions Part 2

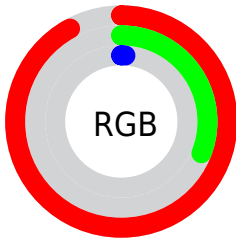
Format	Color
RYB	235, 115, 2
Decimal	15420930
CIELab	55.19, 58.21, 65.38
CIElCh	55, 87.539, 48.318
Yxy	23.1153, 0.5902, 0.3688
Android (android.graphics.Color)	4293611010 (0xFFEB4E02)
YUV	116.2790, -56.3395, 104.1183
Hunter-Lab	48.0784, 53.2184, 30.4865

Details

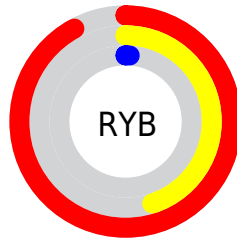
The Hex color **EB4E02** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **029FEB**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF8640**, and **AA0500** is the 20% darker color. If you saturate the color by 10%, you get **EB4D00**, and if you desaturate by 10%, it is **EB5E19**.

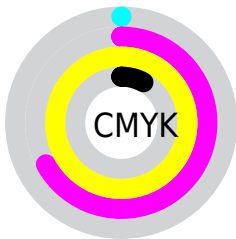
Distribution



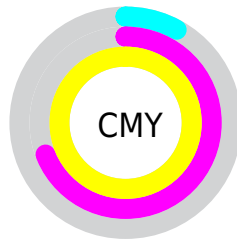
- Red (92%)
- Green (31%)
- Blue (1%)



- Red (92%)
- Yellow (45%)
- Blue (1%)



- Cyan (0%)
- Magenta (67%)
- Yellow (99%)
- Black (8%)



- Cyan (8%)
- Magenta (69%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB4E02 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 EB4E02 by changing the saturation by 10% instead.

 EB4E02

 EB4E02

FFFFFF

 CA3000

 FF8640

 AA0500

 FFA25A

 8A0000

 FFBF74

 6B0000

 FFDC8F

 4D0001

 FFF9AB

 300002

 FFFFC7

 000000

 FFFF E3

 EB4E02

 EB4E02

■ EB4D00

■ EB5E19

■ EB6E31

■ EB7E49

■ EB8D60

■ EB9D78

■ EBAD8F

■ EBBDA6

■ EBCDBE

■ EBD DD6

Harmonies

Analogous

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



FF055A



EB4E02



B97600

Triad

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



EB4E02



00A263



007EFF

Complementary

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



EB4E02



029FEB

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



EB4E02



00A4B2

Square

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



EB4E02



009C00



00A1F5



BE53EB

Rectangle

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



EB4E02



8E8800



00A1F5



0088FF

Sweetspot

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



EB4E02



FFCBB3



EB02A1



806152



000000



808080

Same Dimension

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



EB4E02



FF5300



EBC002



756D6A



B53B00



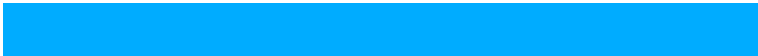
361100

Inverse Universe

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



029FEB



00ACFF



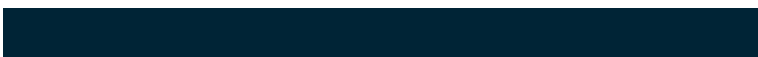
022DEB



6A7175



007AB5



002436

Previews

White Background



This preview shows how the Hex color EB4E02 looks on a white background.

Color Contrast Check

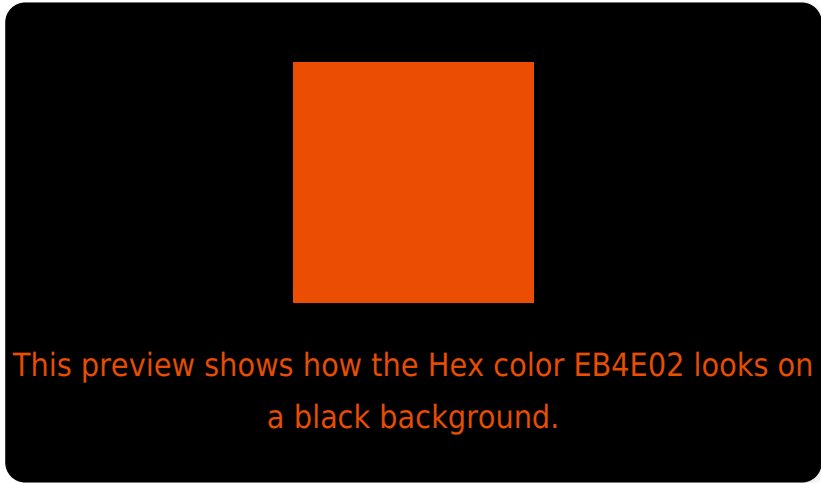
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB4E02 Background



This preview shows how black text looks on a background with the Hex color EB4E02.



This preview shows how white text looks on a background with the Hex color EB4E02.

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

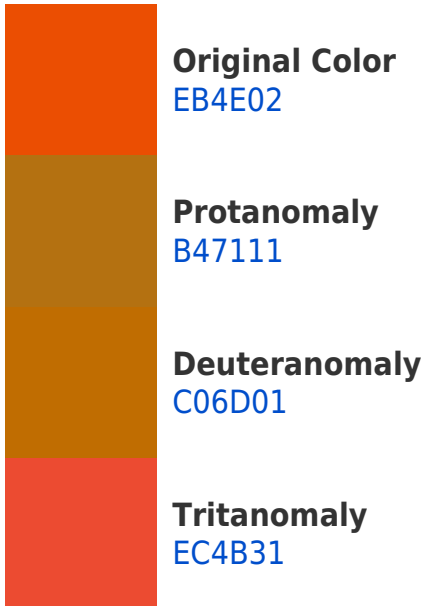


Original Color
EB4E02

Protanopia
958519

Deuteranopia
A77E00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EB4E02 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 #EB4E02 looks like.

```
.text, #text, p{  
    color:#EB4E02  
}
```

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 #EB4E02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB4E02
}
```

Border

The CSS property to change the border of an element to Hex EB4E02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

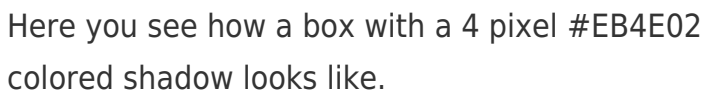
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EB4E02 }
```

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

```
.border{ border-color:#EB4E02 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a thick orange line that is 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #EB4E02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB4E02; -webkit-box-shadow:4px 4px  
4px 4px #EB4E02; box-shadow:4px 4px 4px  
4px #EB4E02 }
```

Background

The CSS property to change the background color of an element to Hex EB4E02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB4E02 }
```

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

```
.background{ background-color:#EB4E02 }
```

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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