

Converting Colors

Hex(EB5B0C)

Have a look what the booklet for
Hex(EB5B0C) contains.

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Color

Hex(EB5B0C)

Conversions

Conversions Part 1

Format	Color
Hex	EB5B0C
RGB	235, 91, 12
RGB Percent	92%, 36%, 5%
CMY	0.0784, 0.6431, 0.9529
CMYK	0.00, 0.61, 0.95, 0.08
HSL	21°, 90%, 48%
HSV	21°, 95%, 92%
XYZ	38.0684, 25.1709, 3.1999
YIQ	125.0500, 111.1830, 5.9590

Conversions

Conversions Part 2

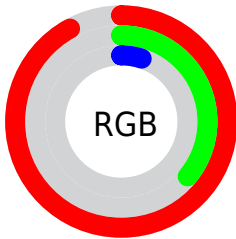
Format	Color
RYB	235, 134, 12
Decimal	15424268
CIELab	57.24, 52.87, 64.56
CIELCh	57, 83.444, 50.686
Yxy	25.1709, 0.5730, 0.3789
Android (android.graphics.Color)	4293614348 (0xFFEB5B0C)
YUV	125.0500, -55.7336, 96.4262
Hunter-Lab	50.1706, 47.6435, 31.3379

Details

The Hex color **EB5B0C** 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 **0C9CEB**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF9246**, and **AB2100** is the 20% darker color. If you saturate the color by 10%, you get **EB5300**, and if you desaturate by 10%, it is **EB6A23**.

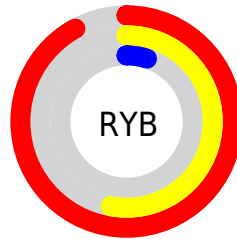
Distribution



Red (92%)

Green (36%)

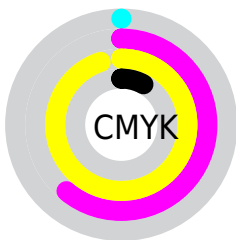
Blue (5%)



Red (92%)

Yellow (53%)

Blue (5%)

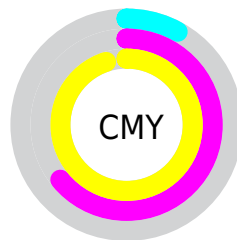


Cyan (0%)

Magenta (61%)

Yellow (95%)

Black (8%)



Cyan (8%)

Magenta (64%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB5B0C 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 EB5B0C by changing the saturation by 10% instead.

 EB5B0C

 EB5B0C

FFFFFF

 CB3F00

 FF9246

 AB2100

 FFAE61

 8B0000

 FFCA7B

 6C0000

 FFE796

 4E0000

 FFFFB2

 330002

 FFFFCE

 000000

 FFFFEB

 EB5B0C

 EB5B0C

■ EB5300

■ EB6A23

■ EB793B

■ EB8952

■ EB986A

■ EBA782

■ EBB699

■ EBC5B1

■ EBD4C8

■ EBE4DF

Harmonies

Analogous

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



FF2E5B



EB5B0C



B97E00

Triad

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



EB5B0C



00A76F



3D80FF

Complementary

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



EB5B0C



0C9CEB

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



EB5B0C



00A9BB

Square

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



EB5B0C



00A11D



00A5FA



C859E7

Rectangle

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



EB5B0C



8F8F00



00A5FA



008AFF

Sweetspot

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



EB5B0C



FFD1B8



EB0C9D



806454



000000



808080

Same Dimension

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



EB5B0C



FF5A00



EBCA0C



756E6A



B54000



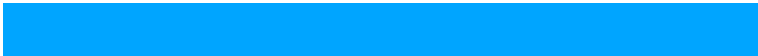
361300

Inverse Universe

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



0C9CEB



00A5FF



0C2DEB



6A7175



0075B5



002336

Previews

White Background



This preview shows how the Hex color EB5B0C looks on a white background.

Color Contrast Check

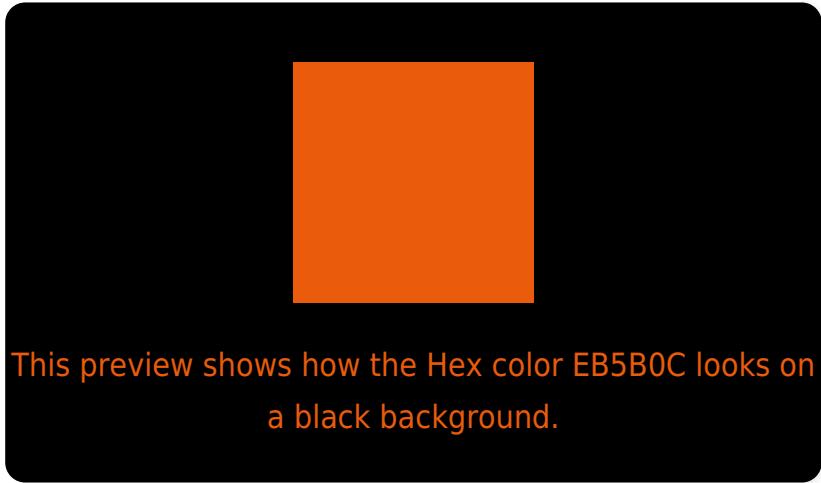
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB5B0C Background



This preview shows how black text looks on a background with the Hex color EB5B0C.



This preview shows how white text looks on a background with the Hex color EB5B0C.

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

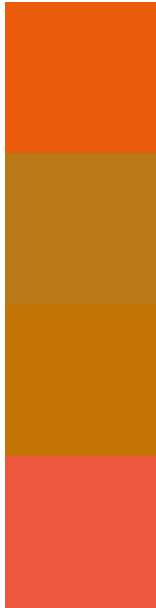


Original Color
EB5B0C

Protanopia
9B8A1B

Deuteranopia
AE8300

Trichromacy



Original Color
EB5B0C

Protanomaly
B87916

Deuteranomaly
C47404

Tritanomaly
EC573E

Monochromacy



Original Color
EB5B0C

Achromatopsia
7D7D7D

Achromatomaly
A57154

CSS Examples

Text

The CSS property to change the color of the text to Hex EB5B0C 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 #EB5B0C looks like.

```
.text, #text, p{  
    color:#EB5B0C  
}
```

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 #EB5B0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB5B0C
}
```

Border

The CSS property to change the border of an element to Hex EB5B0C 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
#EB5B0C }
```

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

```
.border{ border-color:#EB5B0C }
```

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

Here you see how a box with a 4 pixel #EB5B0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB5B0C; -webkit-box-shadow:4px 4px  
4px 4px #EB5B0C; box-shadow:4px 4px 4px  
4px #EB5B0C }
```

Background

The CSS property to change the background color of an element to Hex EB5B0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB5B0C }
```

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

```
.background{ background-color:#EB5B0C }
```

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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