

Converting Colors

Hex(EB3D00)

Have a look what the booklet for
Hex(EB3D00) contains.

Hex(EB3D00)	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(EB3D00)

Conversions

Conversions Part 1

Format	Color
Hex	EB3D00
RGB	235, 61, 0
RGB Percent	92%, 24%, 0%
CMY	0.0784, 0.7608, 1.0000
CMYK	0.00, 0.74, 1.00, 0.08
HSL	16°, 100%, 46%
HSV	16°, 100%, 92%
XYZ	35.9297, 20.9997, 2.1596
YIQ	106.0720, 123.2850, 17.9170

Conversions

Conversions Part 2

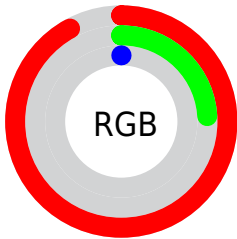
Format	Color
RYB	235, 82, 0
Decimal	15416576
CIELab	52.95, 64.33, 64.74
CIELCh	53, 91.269, 45.180
Yxy	20.9997, 0.6081, 0.3554
Android (android.graphics.Color)	4293606656 (0xFFEB3D00)
YUV	106.0720, -52.2935, 113.0699
Hunter-Lab	45.8254, 59.7597, 29.2836

Details

The Hex color **EB3D00** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **00AEEB**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF783D**, and **A90000** is the 20% darker color. If you saturate the color by 10%, you get **EB3D00**, and if you desaturate by 10%, it is **EB4E17**.

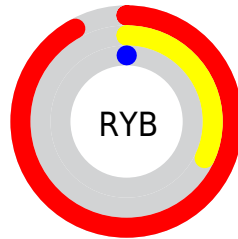
Distribution



Red (92%)

Green (24%)

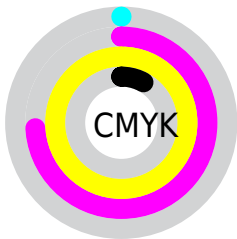
Blue (0%)



Red (92%)

Yellow (32%)

Blue (0%)

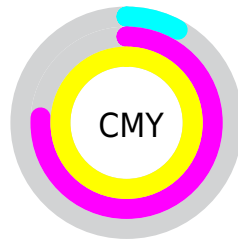


Cyan (0%)

Magenta (74%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB3D00 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 EB3D00 by changing the saturation by 10% instead.

 EB3D00

 EB3D00

FFFFFFC

 CA1700

 FF783D

 A90000

 FF9556

 890000

 FFB271

 6A0000

 FFCF8B

 4C0002

 FFECA6

 2E0002

 FFFFC2

 000000

 FFFFDF

 EB3D00

 EB4E17

 EB602F

 EB7147

 EB835E

 EB9476

 EBA58D

 EBB7A4

 EBC8BC

 EBDAD3

Harmonies

Analogous

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



FF005B



EB3D00



B96C00

Triad

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



EB3D00



009C53



007CFF

Complementary

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



EB3D00



00AEEB

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.



0093FF



EB3D00



009EA6

Square

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



EB3D00



009500



009DEE



AF50EF

Rectangle

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



EB3D00



8E8000



009DEE



0085FF

Sweetspot

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



EB3D00



FFC6B3



EB00B0



805E52



000000



808080

Same Dimension

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



EB3D00



FF4200



EBB000



756D6A



B52F00



360E00

Inverse Universe

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



00AEEB



00BDFF



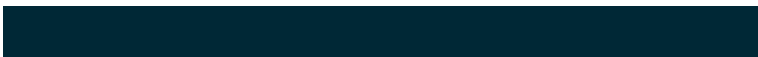
003BEB



6A7275



0086B5



002836

Previews

White Background



This preview shows how the Hex color EB3D00 looks on a white background.

Color Contrast Check

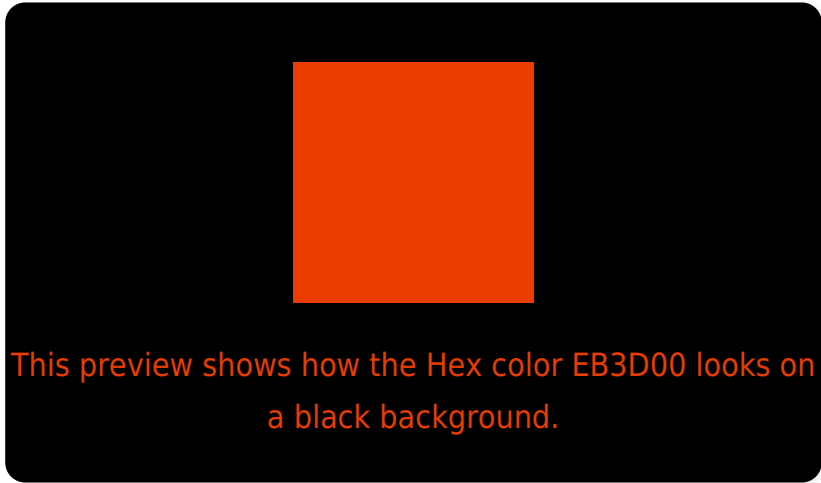
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB3D00 Background



This preview shows how black text looks on a background with the Hex color EB3D00.



This preview shows how white text looks on a background with the Hex color EB3D00.

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
EB3D00

Protanopia
8F7F1B

Deuteranopia
A07900

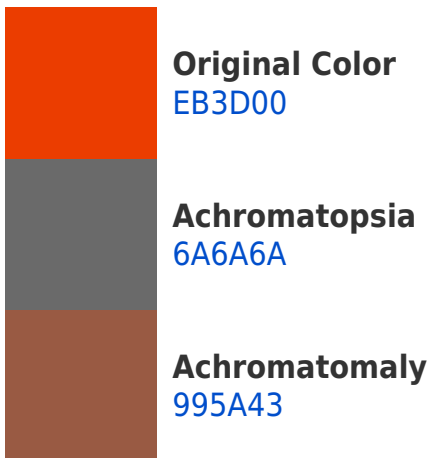


Tritanopia
EC393B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EB3D00 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 #EB3D00 looks like.

```
.text, #text, p{  
    color:#EB3D00  
}
```

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 #EB3D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB3D00
}
```

Border

The CSS property to change the border of an element to Hex EB3D00 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
#EB3D00 }
```

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

```
.border{ border-color:#EB3D00 }
```

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

Here you see how a box with a 4 pixel #EB3D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB3D00; -webkit-box-shadow:4px 4px  
4px 4px #EB3D00; box-shadow:4px 4px 4px  
4px #EB3D00 }
```

Background

The CSS property to change the background color of an element to Hex EB3D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB3D00 }
```

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

```
.background{ background-color:#EB3D00 }
```

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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