

Converting Colors

Hex(EB8300)

Have a look what the booklet for
Hex(EB8300) contains.

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Color

Hex(EB8300)

Conversions

Conversions Part 1

Format	Color
Hex	EB8300
RGB	235, 131, 0
RGB Percent	92%, 51%, 0%
CMY	0.0784, 0.4863, 1.0000
CMYK	0.00, 0.44, 1.00, 0.08
HSL	33°, 100%, 46%
HSV	33°, 100%, 92%
XYZ	42.3772, 33.8948, 4.3088
YIQ	147.1620, 104.0350, -18.6930

Conversions

Conversions Part 2

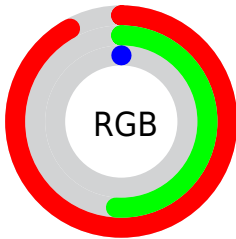
Format	Color
RYB	187, 235, 0
Decimal	15434496
CIELab	64.88, 33.36, 71.29
CIElCh	65, 78.710, 64.924
Yxy	33.8948, 0.5259, 0.4206
Android (android.graphics.Color)	4293624576 (0xFFEB8300)
YUV	147.1620, -72.5509, 77.0339
Hunter-Lab	58.2192, 28.0449, 36.3654

Details

The Hex color **EB8300** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **0068EB**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFB948**, and **AC5000** is the 20% darker color. If you saturate the color by 10%, you get **EB8300**, and if you desaturate by 10%, it is **EB8D17**.

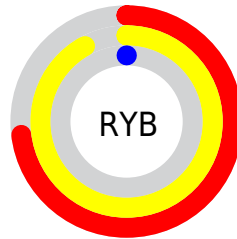
Distribution



Red (92%)

Green (51%)

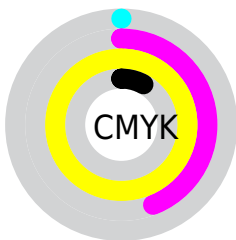
Blue (0%)



Red (73%)

Yellow (92%)

Blue (0%)

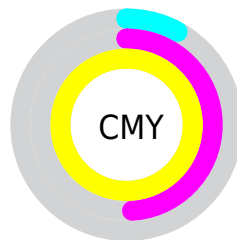


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB8300 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 EB8300 by changing the saturation by 10% instead.

 EB8300

 EB8300

FFFFFF

 CB6900

 FFB948

 AC5000

 FFD564

 8D3800

 FFF17F

 6F2000

 FFFF9B

 520500

 FFFFB7

 370000

 FFFFD4

 180001

 FFFFF1

 000000

 EB8300

 EB8D17

 EB982F

 EBA247

 EBAD5E

 EBB776

 EBC18D

 EBCCA4

 EBD6BC

 EBE1D3

Harmonies

Analogous

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



FF6251



EB8300



B39E00

Triad

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



EB8300



00BDA7



AB85FF

Complementary

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



EB8300



0068EB

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.



00A2FF



EB8300



00BCED

Square

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



EB8300



00B95E



00B4FF



FA61DA

Rectangle

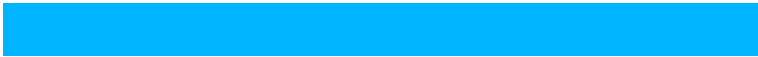
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EB8300



84AB00



00B4FF



8090FF

Sweetspot

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



EB8300



FFDDB3



EB006A



806B52



000000



808080

Same Dimension

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



EB8300



FF8E00



DFEB00



75706A



B56500



361E00

Inverse Universe

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



0068EB



0071FF



0C00EB



6A6F75



0050B5



001836

Previews

White Background



This preview shows how the Hex color EB8300 looks on a white background.

Color Contrast Check

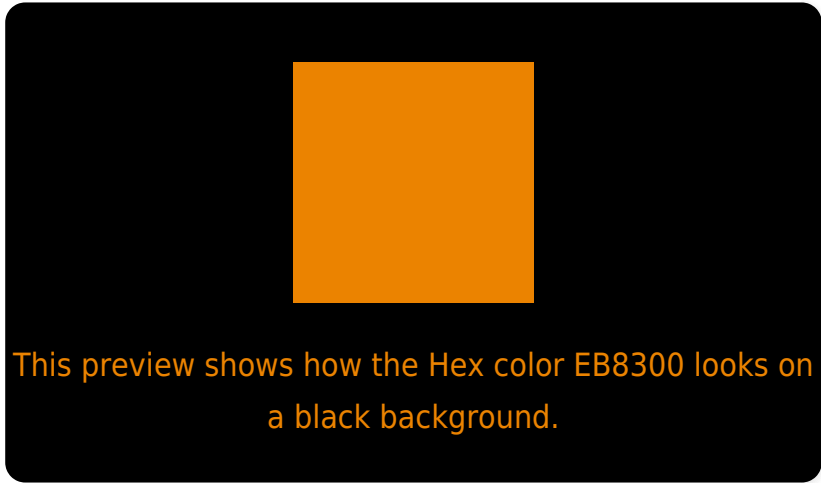
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex EB8300 Background



This preview shows how black text looks on a background with the Hex color EB8300.



This preview shows how white text looks on a background with the Hex color EB8300.

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
EB8300

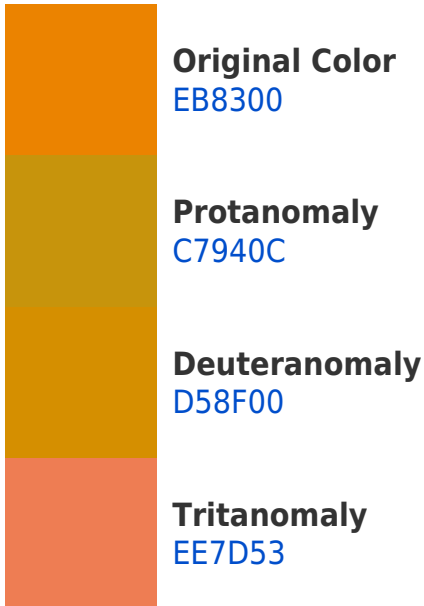
Protanopia
B29E13

Deuteranopia
C89600



Tritanopia
EF7A82

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EB8300 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 #EB8300 looks like.

```
.text, #text, p{  
    color:#EB8300  
}
```

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 #EB8300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB8300
}
```

Border

The CSS property to change the border of an element to Hex EB8300 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
#EB8300 }
```

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

```
.border{ border-color:#EB8300 }
```

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

Here you see how a box with a 4 pixel #EB8300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB8300; -webkit-box-shadow:4px 4px  
4px 4px #EB8300; box-shadow:4px 4px 4px  
4px #EB8300 }
```

Background

The CSS property to change the background color of an element to Hex EB8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB8300 }
```

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

```
.background{ background-color:#EB8300 }
```

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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