

Converting Colors

Hex(EB8119)

Have a look what the booklet for
Hex(EB8119) contains.

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Color

Hex(EB8119)

Conversions

Conversions Part 1

Format	Color
Hex	EB8119
RGB	235, 129, 25
RGB Percent	92%, 51%, 10%
CMY	0.0784, 0.4941, 0.9020
CMYK	0.00, 0.45, 0.89, 0.08
HSL	30°, 84%, 51%
HSV	30°, 89%, 92%
XYZ	42.2867, 33.4329, 5.1441
YIQ	148.8380, 96.5600, -9.8720

Conversions

Conversions Part 2

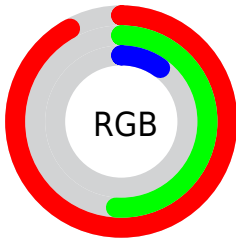
Format	Color
R _Y B	235, 231, 25
Decimal	15434009
CIE Lab	64.51, 34.68, 66.51
CIE LCh	65, 75.006, 62.463
Yxy	33.4329, 0.5229, 0.4134
Android (android.graphics.Color)	4293624089 (0xFFEB8119)
YUV	148.8380, -61.0521, 75.5641
Hunter-Lab	57.8212, 29.3564, 35.2000

Details

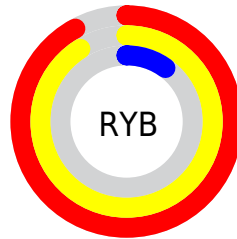
The Hex color **EB8119** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **1983EB**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFB753**, and **AC4E00** is the 20% darker color. If you saturate the color by 10%, you get **EB7502**, and if you desaturate by 10%, it is **EB8D31**.

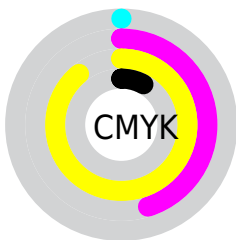
Distribution



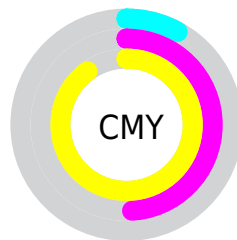
- Red (92%)
- Green (51%)
- Blue (10%)



- Red (92%)
- Yellow (91%)
- Blue (10%)



- Cyan (0%)
- Magenta (45%)
- Yellow (89%)
- Black (8%)



- Cyan (8%)
- Magenta (49%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB8119 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 EB8119 by changing the saturation by 10% instead.

 EB8119

 EB8119

FFFFFF

 CB6700

 FFB753

 AC4E00

 FFD36E

 8E3600

 FFEF89

 6F1D00

 FFFFA4

 520100

 FFFFC0

 370000

 FFFFDD

 170000

 FFFFFA

 000000

 EB8119

 EB8119

 EB7502

 EB8D31

 EB7400

 EB9948

 EBA560

 EBB077

 EBBC8F

 EBC8A6

 EBD4BD

 EBE0D5

 EBCECE

Harmonies

Analogous

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



FF6359



EB8119



B69B00

Triad

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



EB8119



00BBA0



A188FF

Complementary

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



EB8119



1983EB

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.



00A3FF



EB8119



00BAE3

Square

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



EB8119



00B75B



00B3FF



F067DC

Rectangle

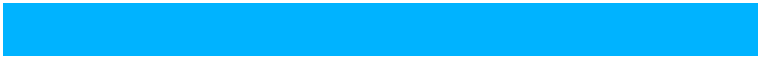
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EB8119



8BA800



00B3FF



7692FF

Sweetspot

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



EB8119



FFDCBA



EB1985



806B57



000000



808080

Same Dimension

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



EB8119



FF7E00



EBE819



756F6A



B55A00



361B00

Inverse Universe

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



1983EB



0081FF



191DEB



6A6F75



005BB5



001B36

Previews

White Background



This preview shows how the Hex color EB8119 looks on a white background.

Color Contrast Check

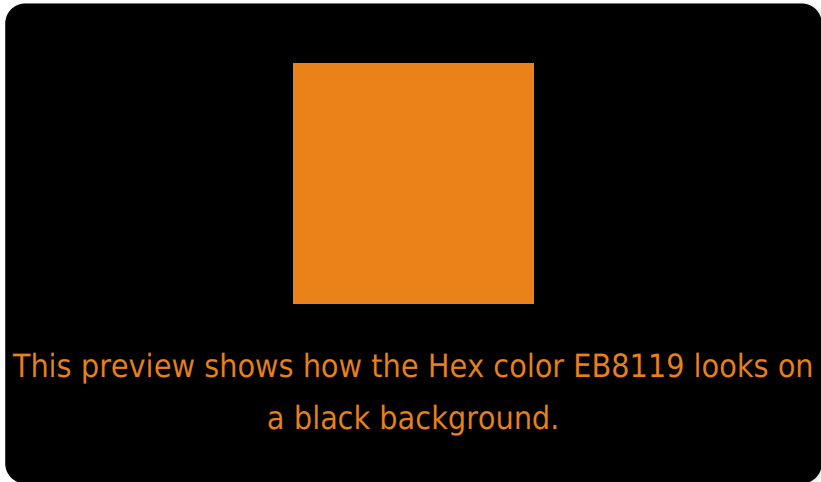
Large Text (above 18pt) WCAG AA × Fail

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 EB8119 Background



This preview shows how black text looks on a background with the Hex color EB8119.



This preview shows how white text looks on a background with the Hex color EB8119.

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
EB8119

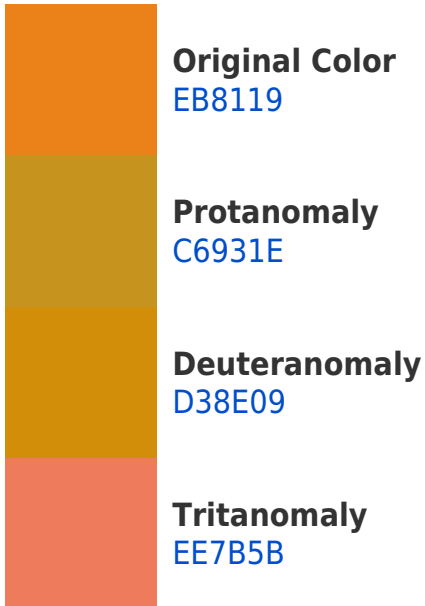
Protanopia
B19D21

Deuteranopia
C69500

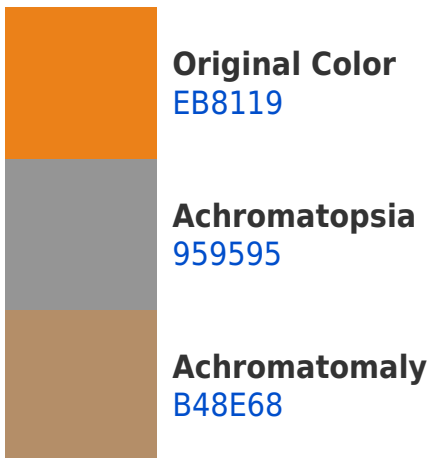


Tritanopia
EF7881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EB8119 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 #EB8119 looks like.

```
.text, #text, p{  
    color:#EB8119  
}
```

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 #EB8119 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB8119
}
```

Border

The CSS property to change the border of an element to Hex EB8119 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
#EB8119 }
```

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

```
.border{ border-color:#EB8119 }
```

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

Here you see how a box with a 4 pixel #EB8119 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB8119; -webkit-box-shadow:4px 4px  
4px 4px #EB8119; box-shadow:4px 4px 4px  
4px #EB8119 }
```

Background

The CSS property to change the background color of an element to Hex EB8119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB8119 }
```

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

```
.background{ background-color:#EB8119 }
```

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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