

Converting Colors

Hex(EB8D17)

Have a look what the booklet for
Hex(EB8D17) contains.

Hex(EB8D17)	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(EB8D17)

Conversions

Conversions Part 1

Format	Color
Hex	EB8D17
RGB	235, 141, 23
RGB Percent	92%, 55%, 9%
CMY	0.0784, 0.4471, 0.9098
CMYK	0.00, 0.40, 0.90, 0.08
HSL	33°, 84%, 51%
HSV	33°, 90%, 92%
XYZ	43.9405, 36.7738, 5.5927
YIQ	155.6540, 93.9020, -16.7700

Conversions

Conversions Part 2

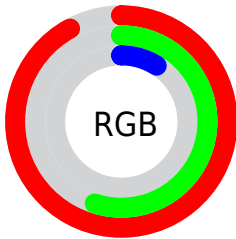
Format	Color
R _Y B	192, 235, 23
Decimal	15437079
CIE Lab	67.11, 28.40, 68.94
CIE LCh	67, 74.562, 67.615
Yxy	36.7738, 0.5091, 0.4261
Android (android.graphics.Color)	4293627159 (0xFFEB8D17)
YUV	155.6540, -65.3984, 69.5864
Hunter-Lab	60.6414, 23.2179, 36.9809

Details

The Hex color **EB8D17** 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 **1775EB**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFC353**, and **AD5A00** is the 20% darker color. If you saturate the color by 10%, you get **EB8300**, and if you desaturate by 10%, it is **EB972F**.

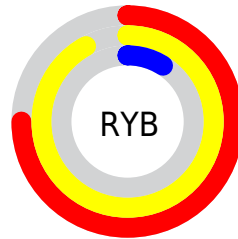
Distribution



Red (92%)

Green (55%)

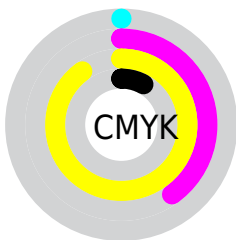
Blue (9%)



Red (75%)

Yellow (92%)

Blue (9%)

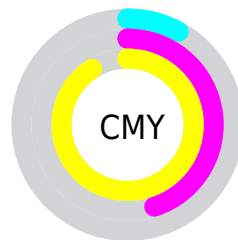


Cyan (0%)

Magenta (40%)

Yellow (90%)

Black (8%)



Cyan (8%)

Magenta (45%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB8D17 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 EB8D17 by changing the saturation by 10% instead.

 EB8D17

 EB8D17

FFFFFF

 CC7300

 FFC353

 AD5A00

 FFDF6E

 8E4200

 FFFC8A

 702B00

 FFFFA6

 541300

 FFFFC2

 380000

 FFFFDF

 1D0001

 FFFFFC

 000000

 EB8D17

 EB8D17

■ EB8300

■ EB972F

■ EBA246

■ EBAC5E

■ EBB775

■ EBC18D

■ EBCCA4

■ EBD6BB

■ EBE0D3

■ EBEBEB

Harmonies

Analogous

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



FF6F55



EB8D17



B3A600

Triad

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



EB8D17



00C2B3



BB89FF

Complementary

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



EB8D17



1775EB

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.



00A6FF



EB8D17



00C1F4

Square

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



EB8D17



00BF6D



00B8FF



FF6AD8

Rectangle

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



EB8D17



86B211



00B8FF



9694FF

Sweetspot

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



EB8D17



FFE0BA



EB1776



806D57



000000



808080

Same Dimension

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



EB8D17



FF8E00



E0EB17



75706A



B56500



361E00

Inverse Universe

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



1775EB



0071FF



2217EB



6A6F75



0050B5



001836

Previews

White Background



This preview shows how the Hex color EB8D17 looks on a white background.

Color Contrast Check

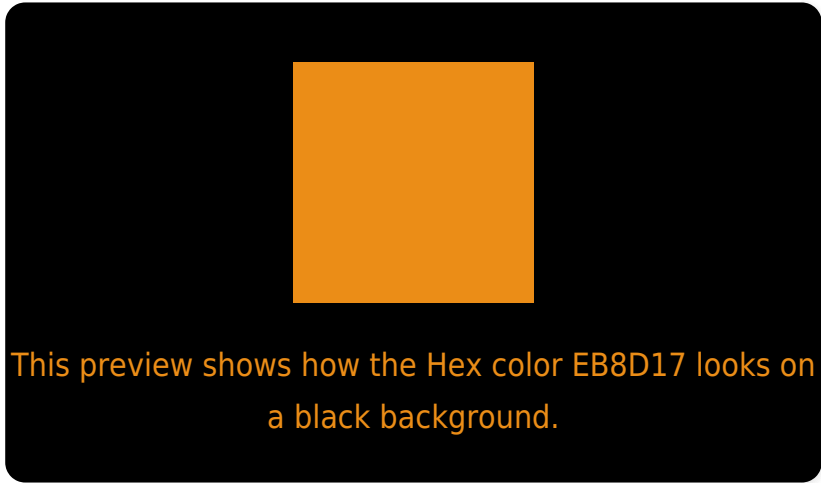
Large Text (above 18pt) WCAG AA × Fail

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 EB8D17 Background



This preview shows how black text looks on a background with the Hex color EB8D17.



This preview shows how white text looks on a background with the Hex color EB8D17.

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
EB8D17

Protanopia
B8A41E

Deuteranopia
CF9B00



Tritanopia
F0838D

Trichromacy



Original Color
EB8D17

Protanomaly
CB9C1B

Deuteranomaly
D99608

Tritanomaly
EE8762

Monochromacy



Original Color
EB8D17

Achromatopsia
9C9C9C

Achromatomaly
B9976C

CSS Examples

Text

The CSS property to change the color of the text to Hex EB8D17 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 #EB8D17 looks like.

```
.text, #text, p{  
    color:#EB8D17  
}
```

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 #EB8D17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB8D17
}
```

Border

The CSS property to change the border of an element to Hex EB8D17 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
#EB8D17 }
```

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

```
.border{ border-color:#EB8D17 }
```

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

Here you see how a box with a 4 pixel #EB8D17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB8D17; -webkit-box-shadow:4px 4px  
4px 4px #EB8D17; box-shadow:4px 4px 4px  
4px #EB8D17 }
```

Background

The CSS property to change the background color of an element to Hex EB8D17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB8D17 }
```

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

```
.background{ background-color:#EB8D17 }
```

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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