

Converting Colors

Hex(EB8C2E)

Have a look what the booklet for
Hex(EB8C2E) contains.

Hex(EB8C2E)	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(EB8C2E)

Conversions

Conversions Part 1

Format	Color
Hex	EB8C2E
RGB	235, 140, 46
RGB Percent	92%, 55%, 18%
CMY	0.0784, 0.4510, 0.8196
CMYK	0.00, 0.40, 0.80, 0.08
HSL	30°, 83%, 55%
HSV	30°, 80%, 92%
XYZ	44.1322, 36.6156, 7.3263
YIQ	157.6890, 86.7940, -9.0940

Conversions

Conversions Part 2

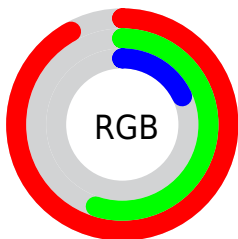
Format	Color
R _Y B	235, 233, 46
Decimal	15436846
CIE Lab	66.99, 29.47, 61.74
CIE LCh	67, 68.410, 64.481
Yxy	36.6156, 0.5011, 0.4157
Android (android.graphics.Color)	4293626926 (0xFFEB8C2E)
YUV	157.6890, -55.0627, 67.8017
Hunter-Lab	60.5108, 24.2909, 35.1791

Details

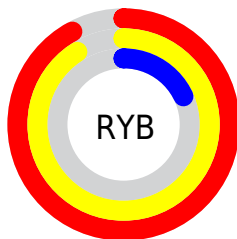
The Hex color **EB8C2E** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2E8DEB**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFC263**, and **AD5900** is the 20% darker color. If you saturate the color by 10%, you get **EB8017**, and if you desaturate by 10%, it is **EB9846**.

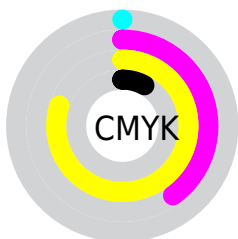
Distribution



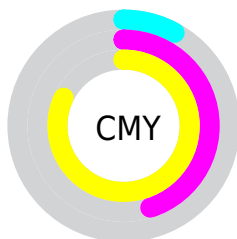
- Red (92%)
- Green (55%)
- Blue (18%)



- Red (92%)
- Yellow (91%)
- Blue (18%)



- Cyan (0%)
- Magenta (40%)
- Yellow (80%)
- Black (8%)



- Cyan (8%)
- Magenta (45%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB8C2E 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 EB8C2E by changing the saturation by 10% instead.

 EB8C2E

 EB8C2E

FFFFFF

 CC720E


 FFC263

 AD5900

 FFDE7E

 8F4100

 FFFB99

 712900

 FFFFB5

 541200

 FFFFD1

 390000

 FFFFEE

 1E0001

 000000

 EB8C2E

 EB8C2E

 EB8017

 EB9846

 EB7500

 EBA45D

 EBAF75

 EBBB8C

 EBC7A4

 EBD3BB

 EBDFD3

 EBEEA

 EBF6FF

Harmonies

Analogous

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



FF7361



EB8C2E



B9A30E

Triad

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



EB8C2E



00C0AB



B08FFF

Complementary

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



EB8C2E



2E8DEB

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.



00A7FF



EB8C2E



00BFE7

Square

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



EB8C2E



00BC6B



00B7FF



F473D9

Rectangle

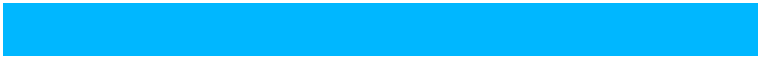
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EB8C2E



91AF22



00B7FF



8D98FF

Sweetspot

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



EB8C2E



FFE0C2



EB2E90



806D5B



000000



808080

Same Dimension

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



EB8C2E



FF8308



EBE82E



756F6A



B55A00



361B00

Inverse Universe

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



2E8DEB



0884FF



2E31EB



6A6F75



005BB5



001B36

Previews

White Background



This preview shows how the Hex color EB8C2E looks on a white background.

Color Contrast Check

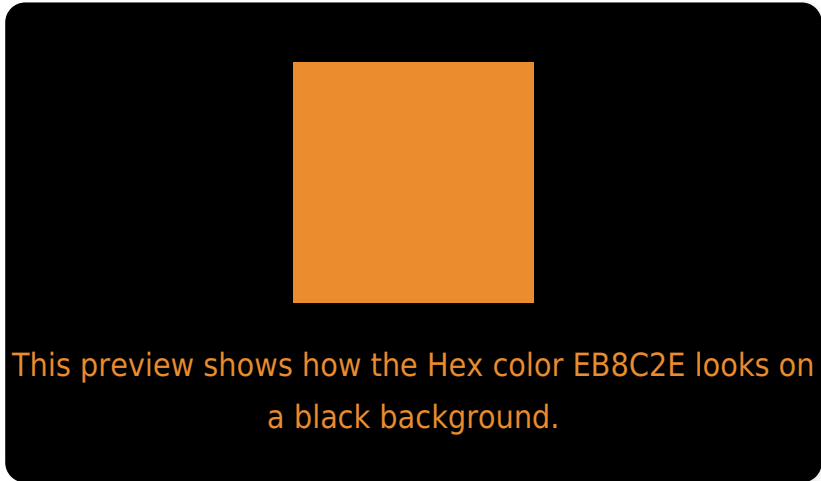
Large Text (above 18pt) WCAG AA × Fail

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 EB8C2E Background



This preview shows how black text looks on a background with the Hex color EB8C2E.



This preview shows how white text looks on a background with the Hex color EB8C2E.

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
EB8C2E

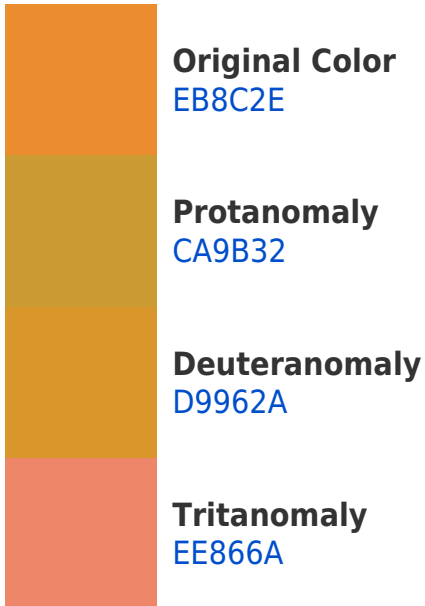
Protanopia
B7A434

Deuteranopia
CE9B28



Tritanopia
F0838C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EB8C2E 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 #EB8C2E looks like.

```
.text, #text, p{  
    color:#EB8C2E  
}
```

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 #EB8C2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB8C2E
}
```

Border

The CSS property to change the border of an element to Hex EB8C2E 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
#EB8C2E }
```

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

```
.border{ border-color:#EB8C2E }
```

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

Here you see how a box with a 4 pixel #EB8C2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB8C2E; -webkit-box-shadow:4px 4px  
4px 4px #EB8C2E; box-shadow:4px 4px 4px  
4px #EB8C2E }
```

Background

The CSS property to change the background color of an element to Hex EB8C2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB8C2E }
```

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

```
.background{ background-color:#EB8C2E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor