

Converting Colors

Hex(E08B10)

Have a look what the booklet for
Hex(E08B10) contains.

Hex(E08B10)	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(E08B10)

Conversions

Conversions Part 1

Format	Color
Hex	E08B10
RGB	224, 139, 16
RGB Percent	88%, 55%, 6%
CMY	0.1216, 0.4549, 0.9373
CMYK	0.00, 0.38, 0.93, 0.12
HSL	35°, 87%, 47%
HSV	35°, 93%, 88%
XYZ	40.0666, 34.3499, 5.0087
YIQ	150.3930, 90.1430, -20.2330

Conversions

Conversions Part 2

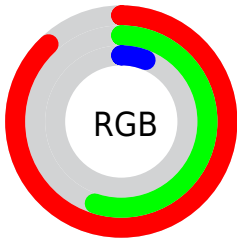
Format	Color
RYB	160, 224, 16
Decimal	14715664
CIELab	65.24, 24.73, 68.41
CIELCh	65, 72.740, 70.123
Yxy	34.3499, 0.5045, 0.4325
Android (android.graphics.Color)	4292905744 (0xFFE08B10)
YUV	150.3930, -66.2557, 64.5533
Hunter-Lab	58.6088, 19.4621, 35.9593

Details

The Hex color **E08B10** 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 **1065E0**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFC14F**, and **A25900** is the 20% darker color. If you saturate the color by 10%, you get **E08400**, and if you desaturate by 10%, it is **E09426**.

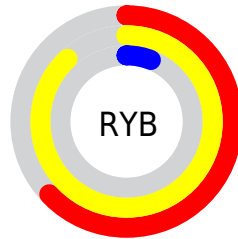
Distribution



Red (88%)

Green (55%)

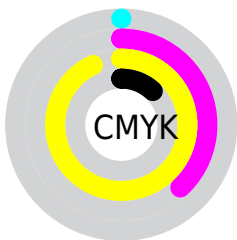
Blue (6%)



Red (63%)

Yellow (88%)

Blue (6%)

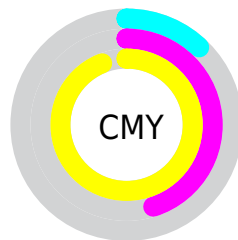


Cyan (0%)

Magenta (38%)

Yellow (93%)

Black (12%)



Cyan (12%)

Magenta (45%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color E08B10 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 E08B10 by changing the saturation by 10% instead.

 E08B10

 E08B10

FFFFFF

 C17100

 FFC14F

 A25900

 FFDD6A

 844100

 FFF986

 672A00

 FFFFA1

 4B1400

 FFFFBE

 300000

 FFFFDA

 0B0000

 FFFFF8

 000000

 E08B10

 E08B10

 E08400

 E09426

 E09D3D

 E0A653

 E0B06A

 E0B980

 E0C296

 E0CBAD

 E0D4C3

 E0DDDA

Harmonies

Analogous

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



FF6E4D



E08B10



A9A200

Triad

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



E08B10



00BCB3



BC83FF

Complementary

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



E08B10



1065E0

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.



139FFF



E08B10



00BAF1

Square

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



E08B10



00BA6F



00B1FF



FC65CC

Rectangle

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



E08B10



7CAD18



00B1FF



9B8DFF

Sweetspot

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



E08B10



FFE2B8



E01067



806E54



000000



808080

Same Dimension

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



E08B10



FF9700



CFE010



706C65



B06800



301D00

Inverse Universe

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



1065E0



0068FF



2110E0



656A70



0048B0



001430

Previews

White Background



This preview shows how the Hex color E08B10 looks on a white background.

Color Contrast Check

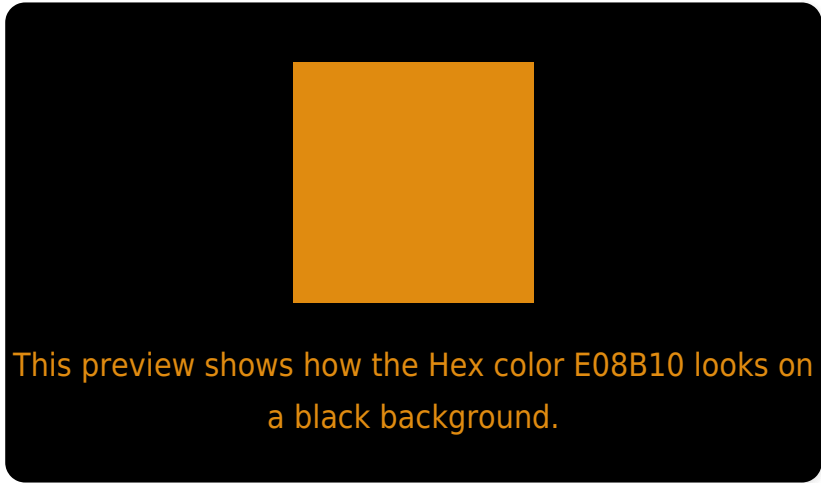
Large Text (above 18pt) WCAG AA × Fail

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 E08B10 Background



This preview shows how black text looks on a background with the Hex color E08B10.



This preview shows how white text looks on a background with the Hex color E08B10.

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](#).

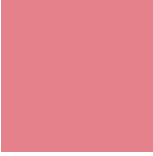
Dichromacy



Original Color
E08B10

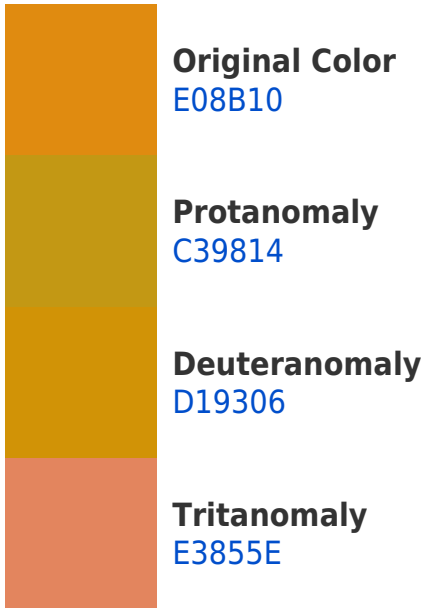
Protanopia
B39F17

Deuteranopia
C99700

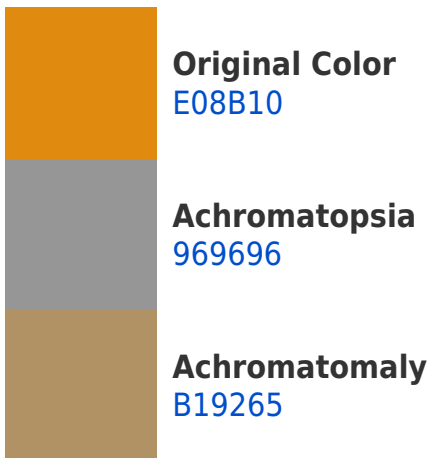


Tritanopia
E5818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E08B10 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 #E08B10 looks like.

```
.text, #text, p{  
    color:#E08B10  
}
```

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 #E08B10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E08B10
}
```

Border

The CSS property to change the border of an element to Hex E08B10 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
#E08B10 }
```

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

```
.border{ border-color:#E08B10 }
```

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

Here you see how a box with a 4 pixel #E08B10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E08B10; -webkit-box-shadow:4px 4px  
4px 4px #E08B10; box-shadow:4px 4px 4px  
4px #E08B10 }
```

Background

The CSS property to change the background color of an element to Hex E08B10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E08B10 }
```

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

```
.background{ background-color:#E08B10 }
```

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