

Converting Colors

Hex(E18B16)

Have a look what the booklet for
Hex(E18B16) contains.

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Color

Hex(E18B16)

Conversions

Conversions Part 1

Format	Color
Hex	E18B16
RGB	225, 139, 22
RGB Percent	88%, 55%, 9%
CMY	0.1176, 0.4549, 0.9137
CMYK	0.00, 0.38, 0.90, 0.12
HSL	35°, 82%, 48%
HSV	35°, 90%, 88%
XYZ	40.4288, 34.5307, 5.2933
YIQ	151.3760, 88.8130, -18.1550

Conversions

Conversions Part 2

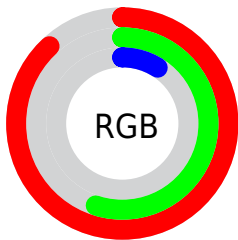
Format	Color
RYB	171, 225, 22
Decimal	14781206
CIELab	65.38, 25.25, 67.32
CIELCh	65, 71.897, 69.443
Yxy	34.5307, 0.5038, 0.4303
Android (android.graphics.Color)	4292971286 (0xFFE18B16)
YUV	151.3760, -63.7824, 64.5682
Hunter-Lab	58.7628, 19.9728, 35.7932

Details

The Hex color **E18B16** 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 **166CE1**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFC152**, and **A35900** is the 20% darker color. If you saturate the color by 10%, you get **E18200**, and if you desaturate by 10%, it is **E1952D**.

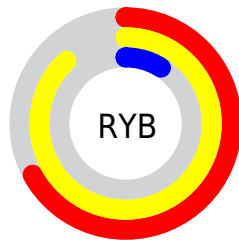
Distribution



Red (88%)

Green (55%)

Blue (9%)



Red (67%)

Yellow (88%)

Blue (9%)

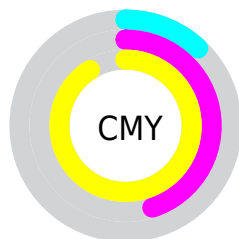


Cyan (0%)

Magenta (38%)

Yellow (90%)

Black (12%)



Cyan (12%)


Magenta (45%)


Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color E18B16 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 E18B16 by changing the saturation by 10% instead.

 E18B16

 E18B16

FFFFFF

 C27100

 FFC152

 A35900

 FFDD6D

 854100

 FFF988

 682A00

 FFFFA4

 4C1300

 FFFFC0

 310000

 FFFFDD

 0E0000

 FFFFFA

 000000

 E18B16

 E18B16

■ E18200

■ E1952D

■ E19E43

■ E1A85A

■ E1B170

■ E1BB87

■ E1C49D

■ E1CEB4

■ E1D7CA

■ E1E1E1

Harmonies

Analogous

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



FF6F50



E18B16



ABA200

Triad

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



E18B16



00BDB2



BB84FF

Complementary

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



E18B16



166CE1

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.



0DA0FF



E18B16



00BBEF

Square

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



E18B16



00BA6F



00B2FF



FB67CD

Rectangle

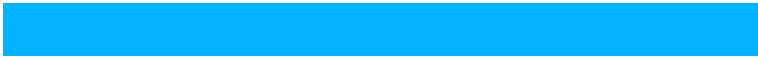
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E18B16



7FAD1A



00B2FF



998EFF

Sweetspot

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



E18B16



FFE2BA



E1166E



806E57



000000



808080

Same Dimension

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



E18B16



FF9300



D3E116



706B65



B06500



301C00

Inverse Universe

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



166CE1



006CFF



2416E1



656A70



004BB0



001530

Previews

White Background



This preview shows how the Hex color E18B16 looks on a white background.

Color Contrast Check

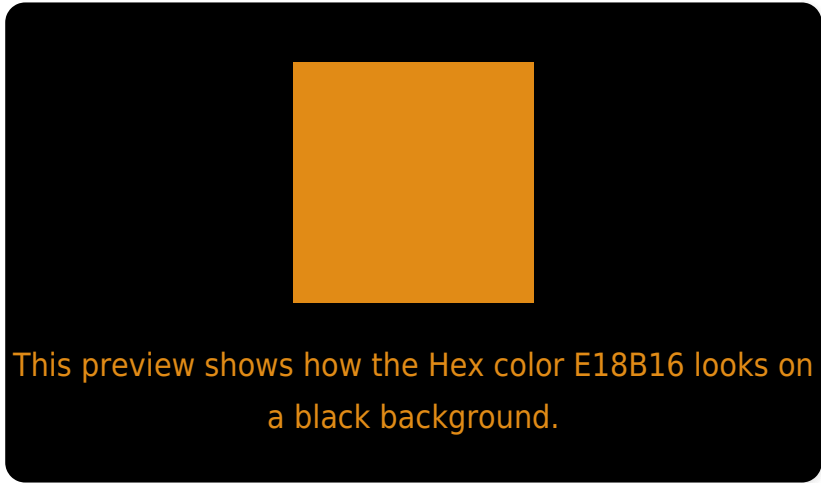
Large Text (above 18pt) WCAG AA × Fail

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 E18B16 Background



This preview shows how black text looks on a background with the Hex color E18B16.



This preview shows how white text looks on a background with the Hex color E18B16.

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
E18B16

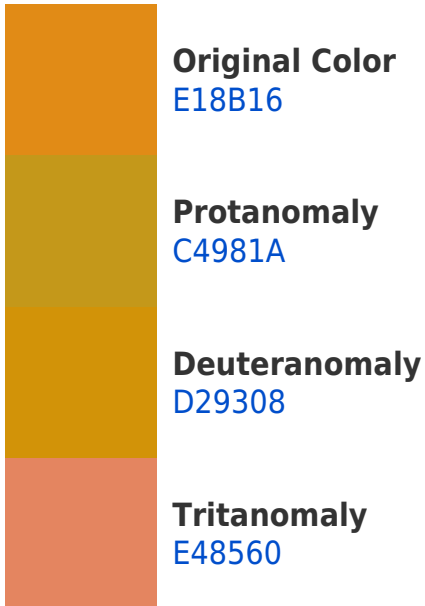
Protanopia
B3A01C

Deuteranopia
C99700

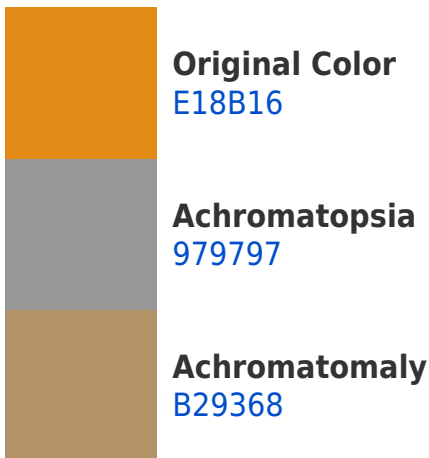


Tritanopia
E6818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E18B16 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 #E18B16 looks like.

```
.text, #text, p{  
  color:#E18B16  
}
```

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 #E18B16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E18B16
}
```

Border

The CSS property to change the border of an element to Hex E18B16 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
#E18B16 }
```

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

```
.border{ border-color:#E18B16 }
```

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

Here you see how a box with a 4 pixel #E18B16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E18B16; -webkit-box-shadow:4px 4px  
4px 4px #E18B16; box-shadow:4px 4px 4px  
4px #E18B16 }
```

Background

The CSS property to change the background color of an element to Hex E18B16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E18B16 }
```

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

```
.background{ background-color:#E18B16 }
```

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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