

Converting Colors

Hex(E18000)

Have a look what the booklet for
Hex(E18000) contains.

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Color

Hex(E18000)

Conversions

Conversions Part 1

Format	Color
Hex	E18000
RGB	225, 128, 0
RGB Percent	88%, 50%, 0%
CMY	0.1176, 0.4980, 1.0000
CMYK	0.00, 0.43, 1.00, 0.12
HSL	34°, 100%, 44%
HSV	34°, 100%, 88%
XYZ	38.7705, 31.4459, 4.0262
YIQ	142.4110, 98.9000, -19.2440

Conversions

Conversions Part 2

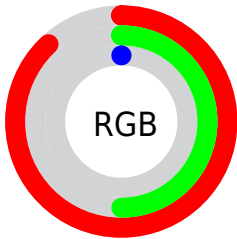
Format	Color
RYB	171, 225, 0
Decimal	14778368
CIELab	62.88, 30.81, 69.37
CIElCh	63, 75.905, 66.056
Yxy	31.4459, 0.5222, 0.4236
Android (android.graphics.Color)	4292968448 (0xFFE18000)
YUV	142.4110, -70.2086, 72.4306
Hunter-Lab	56.0766, 25.2780, 34.9967

Details

The Hex color **E18000** 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 **0061E1**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFB547**, and **A34E00** is the 20% darker color. If you saturate the color by 10%, you get **E18000**, and if you desaturate by 10%, it is **E18A16**.

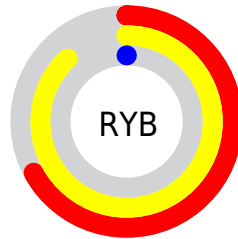
Distribution



Red (88%)

Green (50%)

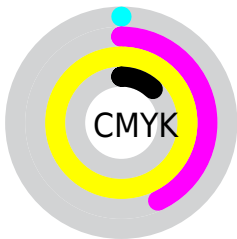
Blue (0%)



Red (67%)

Yellow (88%)

Blue (0%)

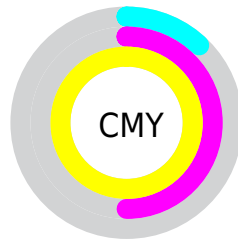


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E18000 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 E18000 by changing the saturation by 10% instead.

 E18000

 E18000

FFFFFF

 C26600

 FFB547

 A34E00

 FFD162

 843600

 FFEE7E

 671E00

 FFFF99

 4A0400

 FFFFB5

 300000

 FFFFD2

 000000

 FFFFEE

 E18000

 E18A16

 E1932D

 E19D44

 E1A75A

 E1B171

 E1BA87

 E1C49D

 E1CEB4

 E1D7CB

Harmonies

Analogous

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



FF604C



E18000



AA9A00

Triad

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



E18000



00B6A4



A97FFF

Complementary

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



E18000



0061E1

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.



009CFF



E18000



00B5E6

Square

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



E18000



00B35E



00AEFF



F35DD0

Rectangle

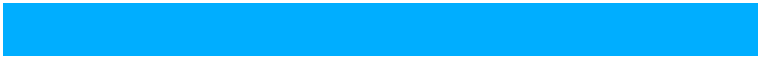
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E18000



7DA600



00AEFF



818AFF

Sweetspot

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



E18000



FFDEB3



E10062



806C52



000000



808080

Same Dimension

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



E18000



FF9100



D2E100



706B65



B06400



301C00

Inverse Universe

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



0061E1



006EFF



0F00E1



656A70



004CB0



001530

Previews

White Background



This preview shows how the Hex color E18000 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 E18000 Background



This preview shows how black text looks on a background with the Hex color E18000.

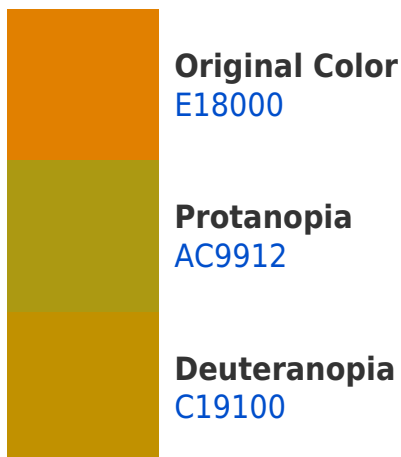


This preview shows how white text looks on a background with the Hex color E18000.

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](#).

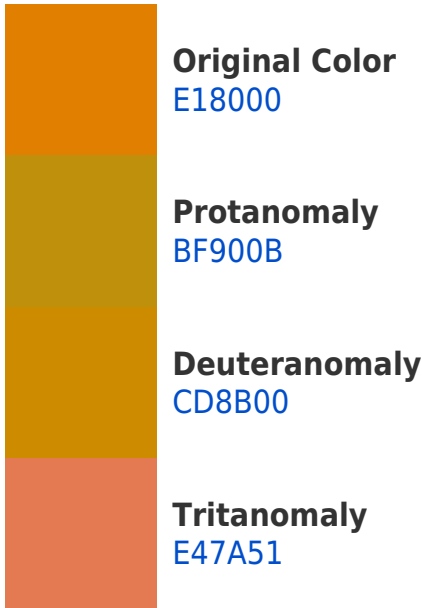
Dichromacy





Tritanopia
E57780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E18000 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 #E18000 looks like.

```
.text, #text, p{  
    color:#E18000  
}
```

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 #E18000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E18000
}
```

Border

The CSS property to change the border of an element to Hex E18000 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
#E18000 }
```

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

```
.border{ border-color:#E18000 }
```

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

Here you see how a box with a 4 pixel #E18000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E18000; -webkit-box-shadow:4px 4px  
4px 4px #E18000; box-shadow:4px 4px 4px  
4px #E18000 }
```

Background

The CSS property to change the background color of an element to Hex E18000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E18000 }
```

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

```
.background{ background-color:#E18000 }
```

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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