

Converting Colors

Hex(E16300)

Have a look what the booklet for
Hex(E16300) contains.

Hex(E16300)	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(E16300)

Conversions

Conversions Part 1

Format	Color
Hex	E16300
RGB	225, 99, 0
RGB Percent	88%, 39%, 0%
CMY	0.1176, 0.6118, 1.0000
CMYK	0.00, 0.56, 1.00, 0.12
HSL	26°, 100%, 44%
HSV	26°, 100%, 88%
XYZ	35.5132, 24.9312, 2.9405
YIQ	125.3880, 106.8750, -4.0770

Conversions

Conversions Part 2

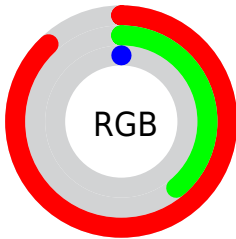
Format	Color
R_{YB}	225, 177, 0
Decimal	14770944
CIE _{Lab}	57.01, 45.43, 65.87
CIE _{LCh}	57, 80.021, 55.405
Yxy	24.9312, 0.5603, 0.3933
Android (android.graphics.Color)	4292961024 (0xFFE16300)
YUV	125.3880, -61.8163, 87.3597
Hunter-Lab	49.9312, 39.5772, 31.4602

Details

The Hex color **E16300** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **007EE1**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF9942**, and **A22E00** is the 20% darker color. If you saturate the color by 10%, you get **E16300**, and if you desaturate by 10%, it is **E17016**.

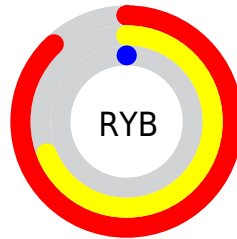
Distribution



Red (88%)

Green (39%)

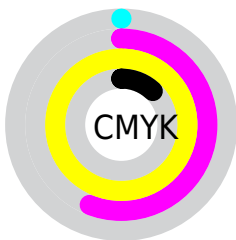
Blue (0%)



Red (88%)

Yellow (69%)

Blue (0%)

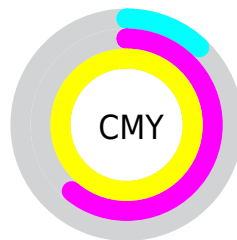


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E16300 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 E16300 by changing the saturation by 10% instead.

 E16300

 E16300

FFFFFF

 C14900

 FF9942

 A22E00

 FFB45C

 821000

 FFD077

 640000

 FFED92

 470000

 FFFFAE

 2D0001

 FFFFCA

 000000

 FFFF77

 E16300

 E17016

 E17C2D

 E18944

 E1955A

 E1A271

 E1AF87

 E1BB9D

 E1C8B4

 E1D4CB

Harmonies

Analogous

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



FE3C52



E16300



AE8200

Triad

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



E16300



00A67C



677BFF

Complementary

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



E16300



007EE1

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.



0095FF



E16300



00A7C3

Square

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



E16300



00A131



00A2FC



D055D9

Rectangle

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



E16300



849100



00A2FC



0085FF

Sweetspot

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



E16300



FFD4B3



E1007F



806652



000000



808080

Same Dimension

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



E16300



FF7000



E1D200



706A65



B04D00



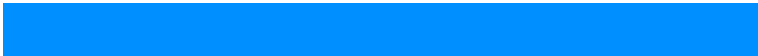
301500

Inverse Universe

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



007EE1



008FFF



000FE1



656B70



0063B0



001B30

Previews

White Background



This preview shows how the Hex color E16300 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E16300 Background



This preview shows how black text looks on a background with the Hex color E16300.



This preview shows how white text looks on a background with the Hex color E16300.

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
E16300

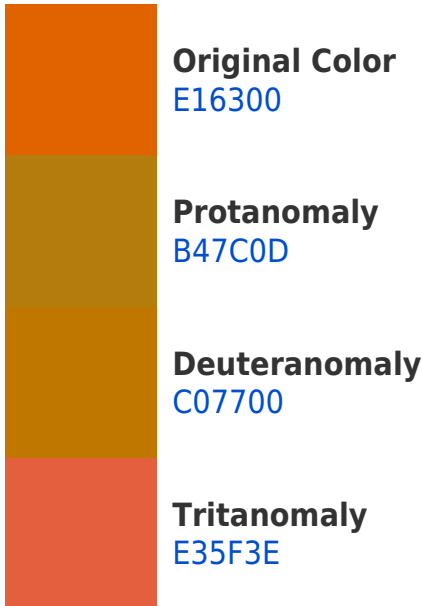
Protanopia
9B8A15

Deuteranopia
AD8200



Tritanopia
E45C62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E16300 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 #E16300 looks like.

```
.text, #text, p{  
    color:#E16300  
}
```

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 #E16300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E16300
}
```

Border

The CSS property to change the border of an element to Hex E16300 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
#E16300 }
```

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

```
.border{ border-color:#E16300 }
```

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

Here you see how a box with a 4 pixel #E16300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E16300; -webkit-box-shadow:4px 4px  
4px 4px #E16300; box-shadow:4px 4px 4px  
4px #E16300 }
```

Background

The CSS property to change the background color of an element to Hex E16300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E16300 }
```

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

```
.background{ background-color:#E16300 }
```

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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