

Converting Colors

Hex(C16E01)

Have a look what the booklet for
Hex(C16E01) contains.

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Color

Hex(C16E01)

Conversions

Conversions Part 1

Format	Color
Hex	C16E01
RGB	193, 110, 1
RGB Percent	76%, 43%, 0%
CMY	0.2431, 0.5686, 0.9961
CMYK	0.00, 0.43, 0.99, 0.24
HSL	34°, 99%, 38%
HSV	34°, 99%, 76%
XYZ	27.5737, 22.4915, 2.9167
YIQ	122.3910, 84.4570, -16.3030

Conversions

Conversions Part 2

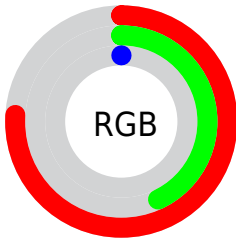
Format	Color
RYB	147, 193, 1
Decimal	12676609
CIELab	54.54, 26.92, 61.79
CIELCh	55, 67.398, 66.455
Yxy	22.4915, 0.5204, 0.4245
Android (android.graphics.Color)	4290866689 (0xFFC16E01)
YUV	122.3910, -59.8458, 61.9241
Hunter-Lab	47.4252, 20.7884, 29.5512

Details

The Hex color **C16E01** 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 **0154C1**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FFA242**, and **853D00** is the 20% darker color. If you saturate the color by 10%, you get **C16E00**, and if you desaturate by 10%, it is **C17614**.

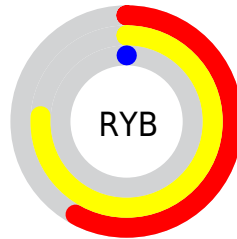
Distribution



Red (76%)

Green (43%)

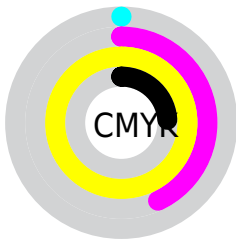
Blue (0%)



Red (58%)

Yellow (76%)

Blue (0%)

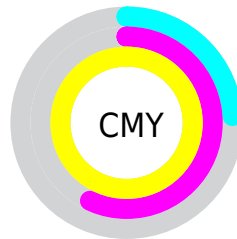


Cyan (0%)

Magenta (43%)

Yellow (99%)

Black (24%)



Cyan (24%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C16E01 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 C16E01 by changing the saturation by 10% instead.

 C16E01

 C16E01

FFFFFF

 A35500

 FFA242

 853D00

 FFBD5D

 672600

 FFD977

 4B0F00

 FFF692

 310000

 FFFFFAE

 090000

 FFFFFCA

 000000

 FFFFFE7

 C16E01

 C16E01

■ C16E00

■ C17614

■ C17F28

■ C1873B

■ C18F4E

■ C19862

■ C1A075

■ C1A888

■ C1B19B

■ C1B9AF

Harmonies

Analogous

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



E15340



C16E01



928400

Triad

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



C16E01



009D8E



926DE1

Complementary

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



C16E01



0154C1

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.



0086F7



C16E01



009CC7

Square

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



C16E01



009A51



0095ED



D150B2

Rectangle

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



C16E01



6B8E00



0095ED



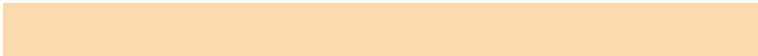
7176EC

Sweetspot

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



C16E01



FAD9AF



C10154



7D6A50



FCFCFC



7D7D7D

Same Dimension

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



C16E01



FA8E00



B4C101



615D57



A15B00



211300

Inverse Universe

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



0154C1



006CFA



0E01C1



575B61



0045A1



000E21

Previews

White Background



This preview shows how the Hex color C16E01 looks on a white background.

Color Contrast Check

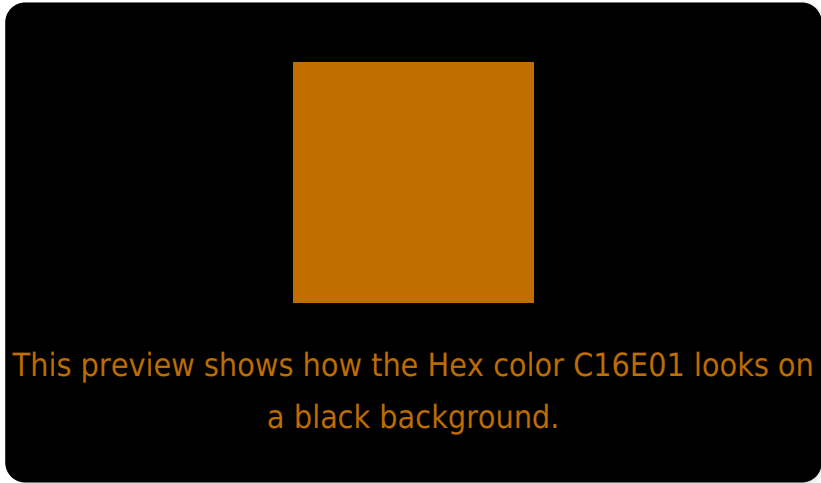
Large Text (above 18pt) WCAG AA ✓ Pass

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 C16E01 Background



This preview shows how black text looks on a background with the Hex color C16E01.



This preview shows how white text looks on a background with the Hex color C16E01.

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
C16E01

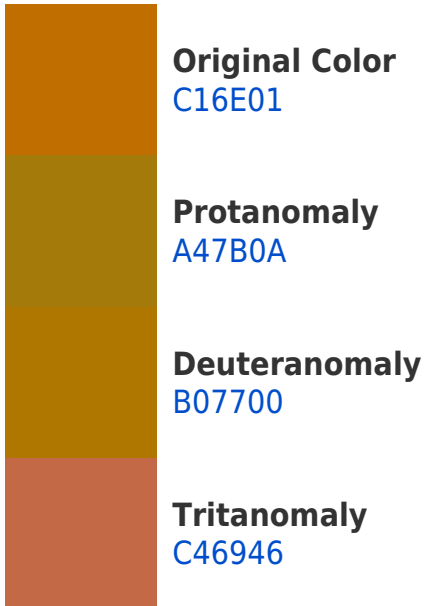
Protanopia
94830F

Deuteranopia
A67C00



Tritanopia
C5666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C16E01 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 #C16E01 looks like.

```
.text, #text, p{  
    color:#C16E01  
}
```

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 #C16E01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C16E01  
}
```

Border

The CSS property to change the border of an element to Hex C16E01 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  
#C16E01 }
```

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

```
.border{ border-color:#C16E01 }
```

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

Here you see how a box with a 4 pixel #C16E01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C16E01; -webkit-box-shadow:4px 4px  
4px 4px #C16E01; box-shadow:4px 4px 4px  
4px #C16E01 }
```

Background

The CSS property to change the background color of an element to Hex C16E01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C16E01 }
```

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

```
.background{ background-color:#C16E01 }
```

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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