

Converting Colors

Hex(C76011)

Have a look what the booklet for
Hex(C76011) contains.

Hex(C76011)	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>	28

Color

Hex(C76011)

Conversions

Conversions Part 1

Format	Color
Hex	C76011
RGB	199, 96, 17
RGB Percent	78%, 38%, 7%
CMY	0.2196, 0.6235, 0.9333
CMYK	0.00, 0.52, 0.91, 0.22
HSL	26°, 84%, 42%
HSV	26°, 91%, 78%
XYZ	27.8372, 20.5483, 3.0294
YIQ	117.7910, 86.7470, -2.7330

Conversions

Conversions Part 2

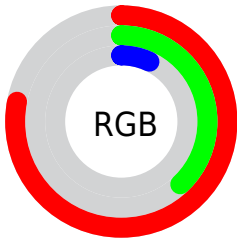
Format	Color
R_{YB}	199, 157, 17
Decimal	13066257
CIE Lab	52.45, 37.00, 57.42
CIE LCh	52, 68.304, 57.204
Yxy	20.5483, 0.5414, 0.3997
Android (android.graphics.Color)	4291256337 (0xFFC76011)
YUV	117.7910, -49.6900, 71.2203
Hunter-Lab	45.3303, 30.2886, 27.7689

Details

The Hex color **C76011** 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 **1178C7**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF9448**, and **8A2E00** is the 20% darker color. If you saturate the color by 10%, you get **C75600**, and if you desaturate by 10%, it is **C76B25**.

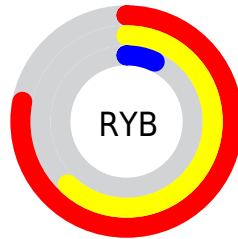
Distribution



Red (78%)

Green (38%)

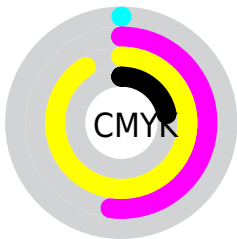
Blue (7%)



Red (78%)

Yellow (62%)

Blue (7%)

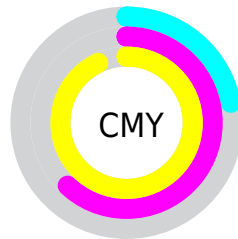


Cyan (0%)

Magenta (52%)

Yellow (91%)

Black (22%)



Cyan (22%)

Magenta (62%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color C76011 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 C76011 by changing the saturation by 10% instead.

 C76011

 C76011

FFFFFF

 A84700

 FF9448

 8A2E00

 FFAF61

 6C1400

 FFCB7C

 4F0000

 FFE897

 340000

 FFFFB2

 0C0000

 FFFFCE

 000000

 FFFFEB

 C76011

 C76011

 C75600

 C76B25

 C77739

 C7824D

 C78D61

 C79875

 C7A488

 C7AF9C

 C7BAB0

 C7C5C4

Harmonies

Analogous

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



E1444B



C76011



9C7900

Triad

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



C76011



009776



6D70E6

Complementary

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



C76011



1178C7

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.



0086F3



C76011



0097B1

Square

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



C76011



009239



0092E0



BD52BE

Rectangle

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



C76011



778500



0092E0



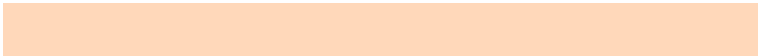
3778EE

Sweetspot

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



C76011



FFD8BA



C71178



806857



000000



808080

Same Dimension

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



C76011



FF6F00



C7BB11



635E5A



A34700



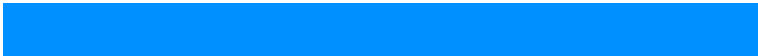
240F00

Inverse Universe

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



1178C7



0090FF



111DC7



5A5F63



005CA3



001424

Previews

White Background



This preview shows how the Hex color C76011 looks on a white background.

Color Contrast Check

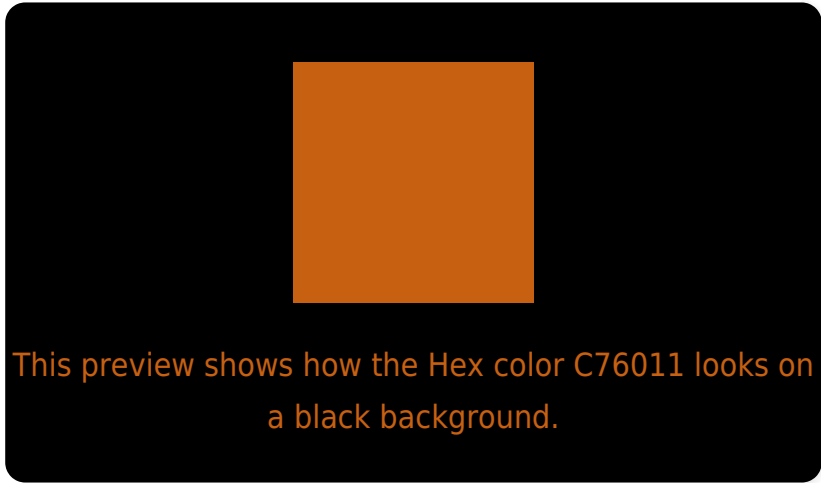
Large Text (above 18pt) WCAG AA ✓ Pass

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 C76011 Background



This preview shows how black text looks on a background with the Hex color C76011.

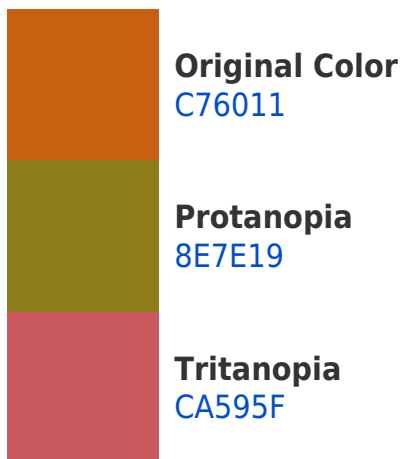


This preview shows how white text looks on a background with the Hex color C76011.

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



Trichromacy



Original Color
C76011

Protanomaly
A37316

Tritanomaly
C95C43

Monochromacy



Original Color
C76011

Achromatopsia
767676

Achromatomaly
936E51

CSS Examples

Text

The CSS property to change the color of the text to Hex C76011 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 #C76011 looks like.

```
.text, #text, p{  
    color:#C76011  
}
```

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 #C76011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76011
}
```

Border

The CSS property to change the border of an element to Hex C76011 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
#C76011 }
```

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

```
.border{ border-color:#C76011 }
```

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

Here you see how a box with a 4 pixel #C76011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76011; -webkit-box-shadow:4px 4px  
4px 4px #C76011; box-shadow:4px 4px 4px  
4px #C76011 }
```

Background

The CSS property to change the background color of an element to Hex C76011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76011 }
```

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

```
.background{ background-color:#C76011 }
```

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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