

# Converting Colors

Hex(C76E26)

Have a look what the booklet for  
Hex(C76E26) contains.

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**Color**

**Hex(C76E26)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C76E26
RGB	199, 110, 38
RGB Percent	78%, 43%, 15%
CMY	0.2196, 0.5686, 0.8510
CMYK	0.00, 0.45, 0.81, 0.22
HSL	27°, 68%, 46%
HSV	27°, 81%, 78%
XYZ	29.4790, 23.4339, 4.8032
YIQ	128.4030, 76.1560, -3.5240

# Conversions

## Conversions Part 2

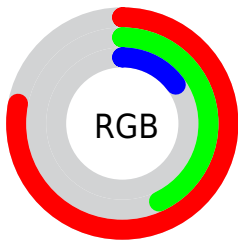
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 168, 38
Decimal	13069862
CIE <sub>Lab</sub>	55.52, 30.19, 52.64
CIE <sub>LCh</sub>	56, 60.680, 60.164
Yxy	23.4339, 0.5108, 0.4060
Android (android.graphics.Color)	4291259942 (0xFFC76E26)
YUV	128.4030, -44.5687, 61.9136
Hunter-Lab	48.4086, 23.9846, 28.0031

# Details

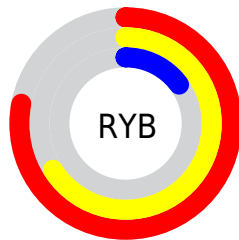
The Hex color **C76E26** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **267FC7**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FFA259**, and **8B3D00** is the 20% darker color. If you saturate the color by 10%, you get **C76312**, and if you desaturate by 10%, it is **C7793A**.

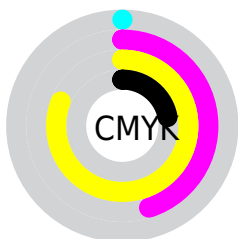
# Distribution



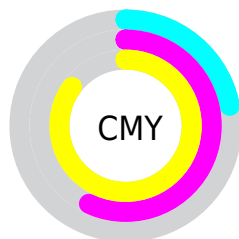
- Red (78%)
- Green (43%)
- Blue (15%)



- Red (78%)
- Yellow (66%)
- Blue (15%)



- Cyan (0%)
- Magenta (45%)
- Yellow (81%)
- Black (22%)



- Cyan (22%)
- Magenta (57%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C76E26 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 C76E26 by changing the saturation by 10% instead.



 C76E26

 C76E26

FFFFFF

 A95508

 FFA259

 8B3D00

 FFBE73

 6E2500

 FFDA8D

 510D00

 FFF6A8

 360000

 FFFFFC4

 170000

 FFFFFE0

 000000

 FFFFFFFD

 C76E26

 C76E26

 C76312

 C7793A

 C75900

 C7844E

 C78F62

 C79A76

 C7A58A

 C7B09D

 C7BBB1

 C7C6C5

 C7D1D9

# Harmonies

## Analogous

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



E05853



C76E26



9E8300

# Triad

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



C76E26



009D84



8477E1

# Complementary

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



C76E26



267FC7

# 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.



008BEF



C76E26



009DB9

# Square

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



C76E26



009A4E



0098E0



C45FBA

# Rectangle

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



C76E26



7D8D0E



0098E0



627EE8

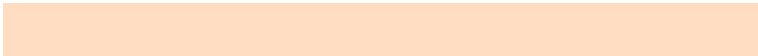


# Sweetspot

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



C76E26



FFDDC2



C72681



806B5B



000000



808080



# Same Dimension

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



C76E26



FF7608



C7BC26



635E5A



A34900



241000



# Inverse Universe

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



267FC7



0890FF



2631C7



5A5F63



005AA3



001424



# Previews

## White Background



This preview shows how the Hex color C76E26 looks on a white background.

## Color Contrast Check

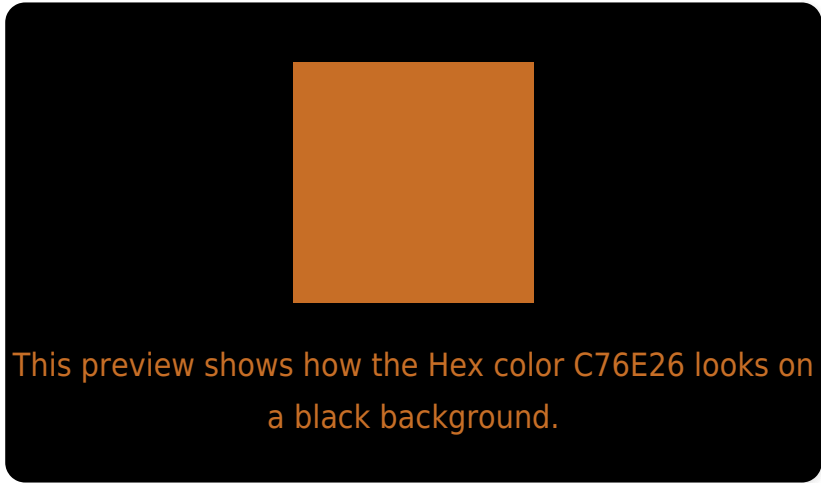
Large Text (above 18pt) WCAG AA ✓ Pass

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 C76E26 Background



This preview shows how black text looks on a background with the Hex color C76E26.



This preview shows how white text looks on a background with the Hex color C76E26.

# 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



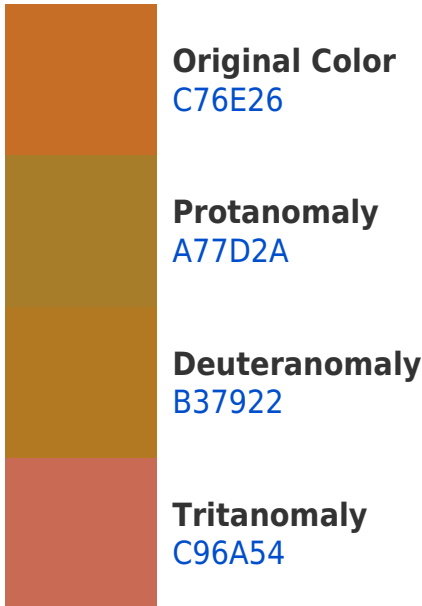
**Original Color**  
C76E26

**Protanopia**  
95862C

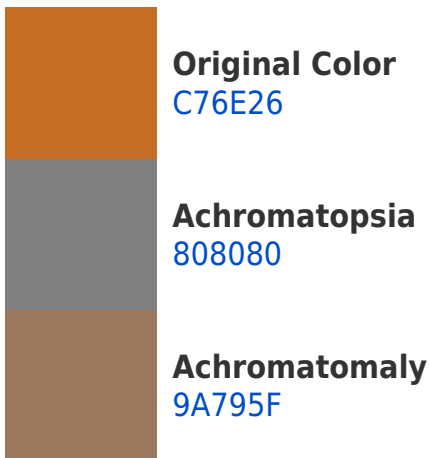
**Deuteranopia**  
A87F1F



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C76E26 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 #C76E26 looks like.

```
.text, #text, p{  
    color:#C76E26  
}
```

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 #C76E26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76E26
}
```

## Border

The CSS property to change the border of an element to Hex C76E26 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
#C76E26 }
```

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

```
.border{ border-color:#C76E26 }
```

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

Here you see how a box with a 4 pixel #C76E26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76E26; -webkit-box-shadow:4px 4px  
4px 4px #C76E26; box-shadow:4px 4px 4px  
4px #C76E26 }
```

# Background

The CSS property to change the background color of an element to Hex C76E26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76E26 }
```

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

```
.background{ background-color:#C76E26 }
```

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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