

# Converting Colors

Hex(C76400)

Have a look what the booklet for  
Hex(C76400) contains.

<b>Hex(C76400)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C76400)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C76400
RGB	199, 100, 0
RGB Percent	78%, 39%, 0%
CMY	0.2196, 0.6078, 1.0000
CMYK	0.00, 0.50, 1.00, 0.22
HSL	30°, 100%, 39%
HSV	30°, 100%, 78%
XYZ	28.1104, 21.2565, 2.6213
YIQ	118.2010, 91.1040, -10.1120

# Conversions

## Conversions Part 2

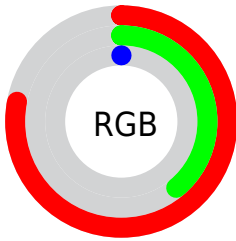
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 199, 0
Decimal	13067264
CIE <sub>Lab</sub>	53.23, 34.73, 61.61
CIE <sub>LCh</sub>	53, 70.724, 60.591
Yxy	21.2565, 0.5407, 0.4089
Android (android.graphics.Color)	4291257344 (0xFFC76400)
YUV	118.2010, -58.2731, 70.8607
Hunter-Lab	46.1047, 28.1494, 28.9023

# Details

The Hex color **C76400** 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 **0063C7**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF9840**, and **8A3200** is the 20% darker color. If you saturate the color by 10%, you get **C76400**, and if you desaturate by 10%, it is **C76E14**.

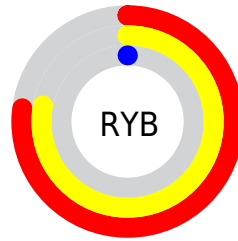
# Distribution



Red (78%)

Green (39%)

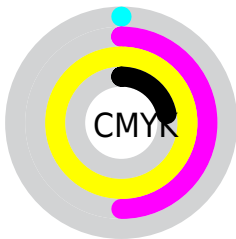
Blue (0%)



Red (77%)

Yellow (78%)

Blue (0%)

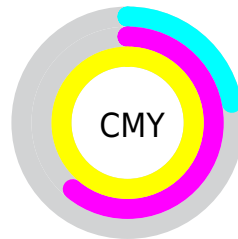


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (61%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C76400 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 C76400 by changing the saturation by 10% instead.



 C76400

 C76400

FFFFFF

 A84B00

 FF9840

 8A3200

 FFB35A

 6C1A00

 FFCF75

 4F0000

 FFEC90

 340000

 FFFFAB

 0E0000

 FFFFC7

 000000

 FFFFE4

 C76400

 C76E14

 C77828

 C7823C

 C78C50

 C79664

 C79F77

 C7A98B

 C7B39F

 C7BDB3

# Harmonies

## Analogous

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



E44545



C76400



987D00

# Triad

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



C76400



009A7F



7B6EE9

# Complementary

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



C76400



0063C7

# 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.



0086FA



C76400



009ABC

# Square

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



C76400



00963F



0094E9



C84EBC

# Rectangle

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



C76400



728900



0094E9



4C77F2



# Sweetspot

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



C76400



FFD9B3



C70064



806952



000000



808080



# Same Dimension

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



C76400



FF8000



C7C700



635F5A



A35200



241200



# Inverse Universe

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



0063C7



007FFF



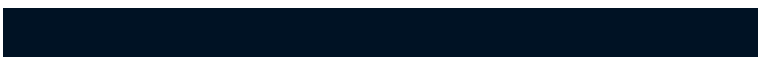
0000C7



5A5E63



0051A3



001224



# Previews

## White Background



This preview shows how the Hex color C76400 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 C76400 Background



This preview shows how black text looks on a background with the Hex color C76400.



This preview shows how white text looks on a background with the Hex color C76400.

# 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



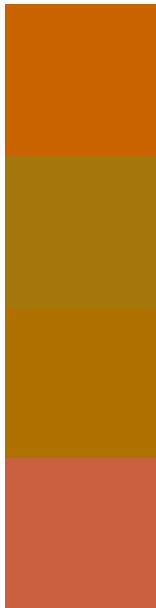
**Original Color**  
C76400

**Protanopia**  
908011

**Deuteranopia**  
A17900



# Trichromacy



**Original Color**  
C76400

**Protanomaly**  
A4760B

**Deuteranomaly**  
AF7100

**Tritanomaly**  
C9603F

# Monochromacy



**Original Color**  
C76400

**Achromatopsia**  
767676

**Achromatomaly**  
936F4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C76400 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 #C76400 looks like.

```
.text, #text, p{  
    color:#C76400  
}
```

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 #C76400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76400
}
```

## Border

The CSS property to change the border of an element to Hex C76400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

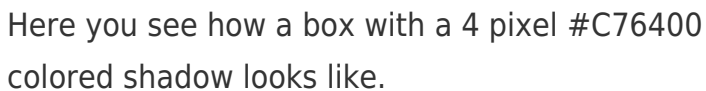
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C76400 }
```

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

```
.border{ border-color:#C76400 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border and a thicker orange shadow on the right and bottom sides. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #C76400 colored shadow looks like."

Here you see how a box with a 4 pixel #C76400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76400; -webkit-box-shadow:4px 4px  
4px 4px #C76400; box-shadow:4px 4px 4px  
4px #C76400 }
```

# Background

The CSS property to change the background color of an element to Hex C76400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76400 }
```

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

```
.background{ background-color:#C76400 }
```

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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