

# Converting Colors

Hex(C76007)

Have a look what the booklet for  
Hex(C76007) contains.

<b>Hex(C76007)</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(C76007)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C76007
RGB	199, 96, 7
RGB Percent	78%, 38%, 3%
CMY	0.2196, 0.6235, 0.9725
CMYK	0.00, 0.52, 0.96, 0.22
HSL	28°, 93%, 40%
HSV	28°, 96%, 78%
XYZ	27.7744, 20.5232, 2.6985
YIQ	116.6510, 89.9570, -5.8430

# Conversions

## Conversions Part 2

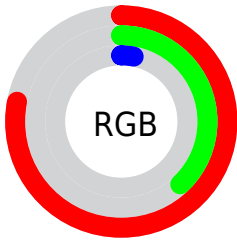
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 173, 7
Decimal	13066247
CIE Lab	52.42, 36.87, 59.66
CIE LCh	52, 70.133, 58.286
Yxy	20.5232, 0.5446, 0.4024
Android (android.graphics.Color)	4291256327 (0xFFC76007)
YUV	116.6510, -54.0579, 72.2201
Hunter-Lab	45.3025, 30.1567, 28.1801

# Details

The Hex color **C76007** 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 **076EC7**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF9443**, and **8A2E00** is the 20% darker color. If you saturate the color by 10%, you get **C75C00**, and if you desaturate by 10%, it is **C76B1B**.

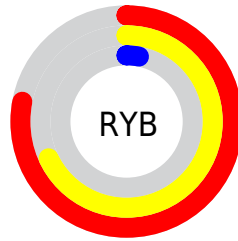
# Distribution



Red (78%)

Green (38%)

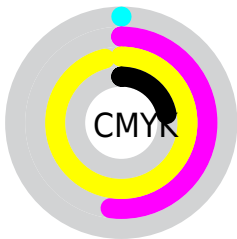
Blue (3%)



Red (78%)

Yellow (68%)

Blue (3%)

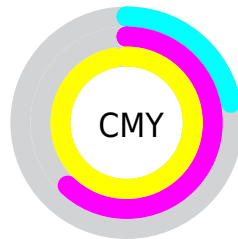


Cyan (0%)

Magenta (52%)

Yellow (96%)

Black (22%)



Cyan (22%)

Magenta (62%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C76007 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 C76007 by changing the saturation by 10% instead.



 C76007

 C76007

FFFFFF

 A84700

 FF9443

 8A2E00

 FFAF5D

 6C1400

 FFCB77

 4E0000

 FFE892

 340000

 FFFFAD

 0B0000

 FFFFC9

 000000

 FFFF E6

 C76007

 C76007

 C75C00

 C76B1B

 C7752F

 C78043

 C78B57

 C7956B

 C7A07E

 C7AB92

 C7B5A6

 C7C0BA

# Harmonies

## Analogous

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



E24248



C76007



9A7900

# Triad

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



C76007



009778



706EE8

# Complementary

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



C76007



076EC7

# 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.



0086F6



C76007



0097B5

# Square

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



C76007



009339



0093E3



C14FBD

# Rectangle

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



C76007



748500



0093E3



3A77F1



# Sweetspot

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



C76007



FFD7B5



C70771



806853



000000



808080



# Same Dimension

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



C76007



FF7600



C7BD07



635E5A



A34C00



241100



# Inverse Universe

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



076EC7



0089FF



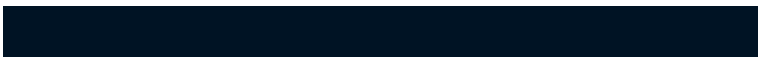
0711C7



5A5F63



0058A3



001324



# Previews

## White Background



This preview shows how the Hex color C76007 looks on a white background.

## Color Contrast Check

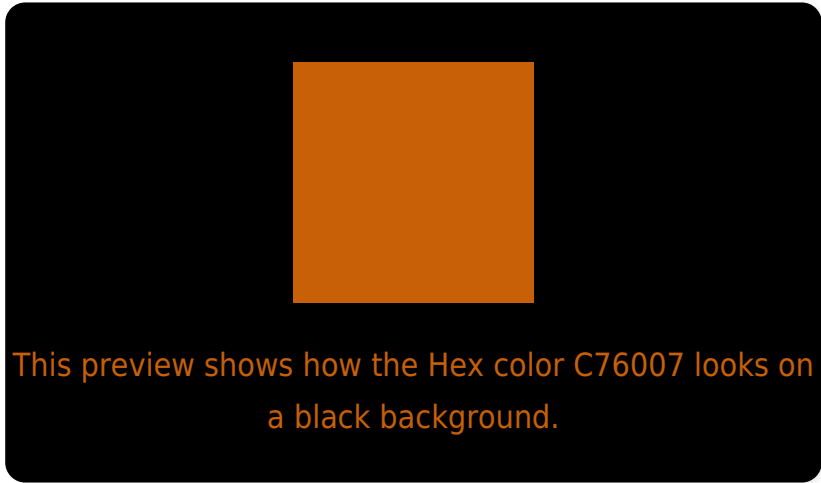
Large Text (above 18pt) WCAG AA ✓ Pass

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 C76007 Background



This preview shows how black text looks on a background with the Hex color C76007.



This preview shows how white text looks on a background with the Hex color C76007.

# 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



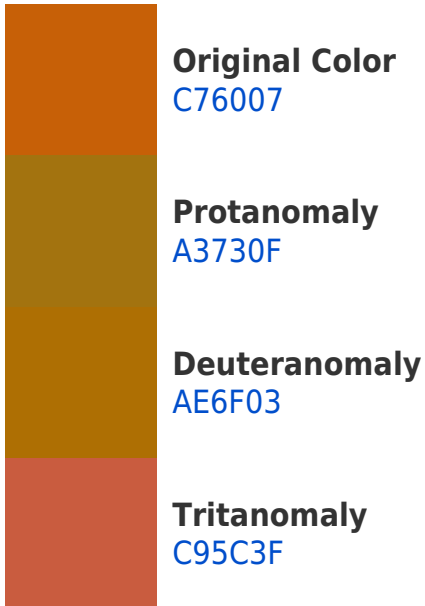
**Original Color**  
C76007

**Protanopia**  
8E7E13

**Deuteranopia**  
9F7700



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C76007 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 #C76007 looks like.

```
.text, #text, p{  
  color:#C76007  
}
```

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 #C76007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76007
}
```

## Border

The CSS property to change the border of an element to Hex C76007 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
#C76007 }
```

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

```
.border{ border-color:#C76007 }
```

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

Here you see how a box with a 4 pixel #C76007 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76007; -webkit-box-shadow:4px 4px  
4px 4px #C76007; box-shadow:4px 4px 4px  
4px #C76007 }
```

# Background

The CSS property to change the background color of an element to Hex C76007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76007 }
```

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

```
.background{ background-color:#C76007 }
```

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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