

Converting Colors

Hex(C76C09)

Have a look what the booklet for
Hex(C76C09) contains.

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Color

Hex(C76C09)

Conversions

Conversions Part 1

Format	Color
Hex	C76C09
RGB	199, 108, 9
RGB Percent	78%, 42%, 4%
CMY	0.2196, 0.5765, 0.9647
CMYK	0.00, 0.46, 0.95, 0.22
HSL	31°, 91%, 41%
HSV	31°, 95%, 78%
XYZ	28.9651, 22.8870, 3.1494
YIQ	123.9230, 86.0150, -11.4970

Conversions

Conversions Part 2

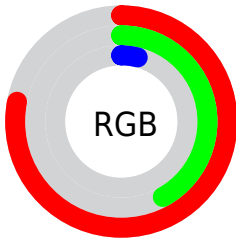
Format	Color
RYB	184, 199, 9
Decimal	13069321
CIELab	54.96, 30.63, 60.94
CIElCh	55, 68.208, 63.318
Yxy	22.8870, 0.5266, 0.4161
Android (android.graphics.Color)	4291259401 (0xFFC76C09)
YUV	123.9230, -56.6570, 65.8425
Hunter-Lab	47.8403, 24.3528, 29.5850

Details

The Hex color **C76C09** 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 **0964C7**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FFA046**, and **8A3B00** is the 20% darker color. If you saturate the color by 10%, you get **C76800**, and if you desaturate by 10%, it is **C7761D**.

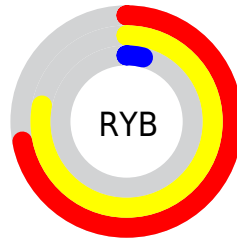
Distribution



Red (78%)

Green (42%)

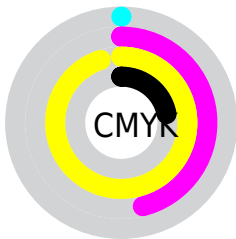
Blue (4%)



Red (72%)

Yellow (78%)

Blue (4%)

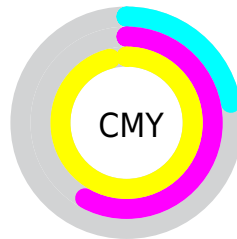


Cyan (0%)

Magenta (46%)

Yellow (95%)

Black (22%)



Cyan (22%)

Magenta (58%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color C76C09 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 C76C09 by changing the saturation by 10% instead.

 C76C09

 C76C09

FFFFFF

 A85300

 FFA046

 8A3B00

 FFBC60

 6C2300

 FFD87A

 500A00

 FFF495

 350000

 FFFFFB1

 140000

 FFFFFCD

 000000

 FFFFFEA

 C76C09

 C76C09

■ C76800

■ C7761D

■ C77F31

■ C78945

■ C79259

■ C79C6C

■ C7A580

■ C7AF94

■ C7B8A8

■ C7C2BC

Harmonies

Analogous

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



E55046



C76C09



988300

Triad

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



C76C09



009E89



8A71E7

Complementary

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



C76C09



0964C7

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.



0089FA



C76C09



009DC3

Square

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



C76C09



009B4B



0097ED



CF53BA

Rectangle

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



C76C09



728E00



0097ED



647AF1

Sweetspot

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



C76C09



FFDCB5



C70965



806A53



000000



808080

Same Dimension

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



C76C09



FF8500



C4C709



635F5A



A35500



241300

Inverse Universe

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



0964C7



007AFF



0C09C7



5A5E63



004EA3



001124

Previews

White Background



This preview shows how the Hex color C76C09 looks on a white background.

Color Contrast Check

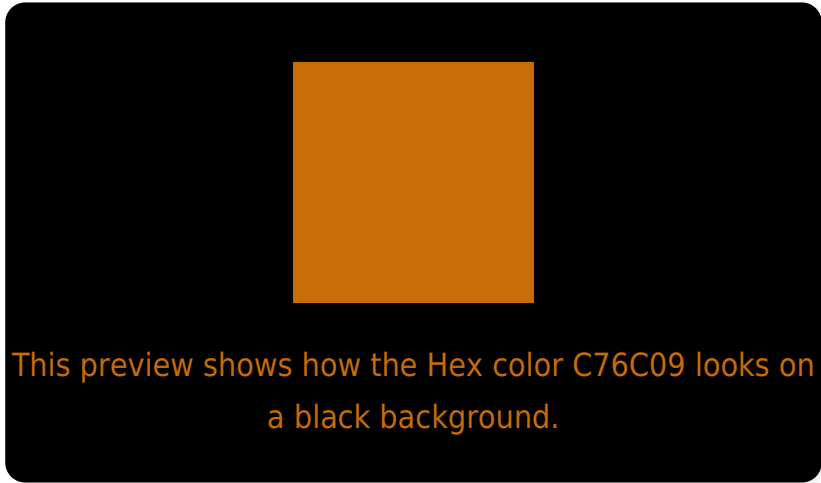
Large Text (above 18pt) WCAG AA ✓ Pass

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 C76C09 Background



This preview shows how black text looks on a background with the Hex color C76C09.



This preview shows how white text looks on a background with the Hex color C76C09.

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
C76C09

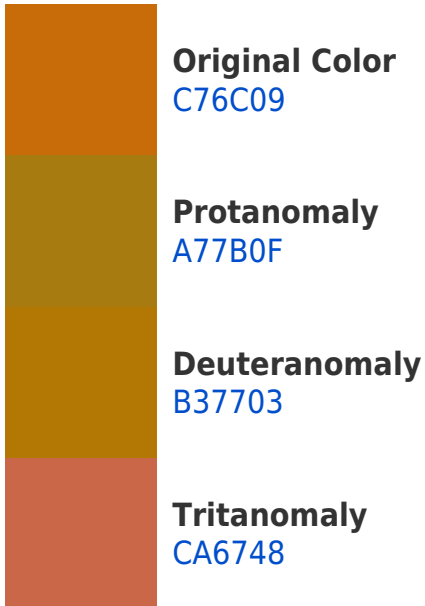
Protanopia
958413

Deuteranopia
A77D00



Tritanopia
CB646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C76C09 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 #C76C09 looks like.

```
.text, #text, p{  
    color:#C76C09  
}
```

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 #C76C09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76C09
}
```

Border

The CSS property to change the border of an element to Hex C76C09 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
#C76C09 }
```

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

```
.border{ border-color:#C76C09 }
```

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

Here you see how a box with a 4 pixel #C76C09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76C09; -webkit-box-shadow:4px 4px  
4px 4px #C76C09; box-shadow:4px 4px 4px  
4px #C76C09 }
```

Background

The CSS property to change the background color of an element to Hex C76C09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76C09 }
```

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

```
.background{ background-color:#C76C09 }
```

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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