

Converting Colors

Hex(C76D14)

Have a look what the booklet for
Hex(C76D14) contains.

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Color

Hex(C76D14)

Conversions

Conversions Part 1

Format	Color
Hex	C76D14
RGB	199, 109, 20
RGB Percent	78%, 43%, 8%
CMY	0.2196, 0.5725, 0.9216
CMYK	0.00, 0.45, 0.90, 0.22
HSL	30°, 82%, 43%
HSV	30°, 90%, 78%
XYZ	29.1481, 23.1299, 3.5901
YIQ	125.7640, 82.2090, -8.5990

Conversions

Conversions Part 2

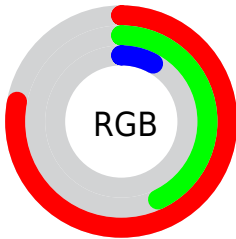
Format	Color
RYB	199, 197, 20
Decimal	13069588
CIELab	55.21, 30.26, 58.64
CIELCh	55, 65.983, 62.706
Yxy	23.1299, 0.5217, 0.4140
Android (android.graphics.Color)	4291259668 (0xFFC76D14)
YUV	125.7640, -52.1417, 64.2280
Hunter-Lab	48.0936, 24.0199, 29.2396

Details

The Hex color **C76D14** 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 **146EC7**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FFA14B**, and **8B3C00** is the 20% darker color. If you saturate the color by 10%, you get **C76300**, and if you desaturate by 10%, it is **C77728**.

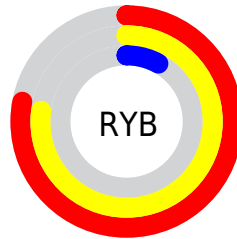
Distribution



Red (78%)

Green (43%)

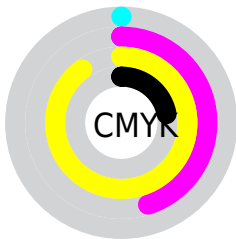
Blue (8%)



Red (78%)

Yellow (77%)

Blue (8%)

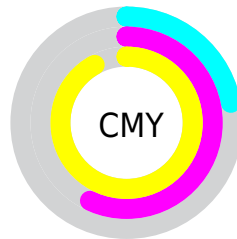


Cyan (0%)

Magenta (45%)

Yellow (90%)

Black (22%)



Cyan (22%)

Magenta (57%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color C76D14 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 C76D14 by changing the saturation by 10% instead.

 C76D14

 C76D14

FFFFFF

 A85400

 FFA14B

 8B3C00

 FFBD65

 6D2400

 FFD980

 500C00

 FFF59B

 350000

 FFFFB7

 150000

 FFFFFD3

 000000

 FFFFF0

 C76D14

 C76D14

 C76300

 C77728

 C7813C

 C78B50

 C79564

 C79F78

 C7A98B

 C7B39F

 C7BDB3

 C7C7C7

Harmonies

Analogous

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



E4534A



C76D14



9A8300

Triad

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



C76D14



009E88



8972E5

Complementary

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



C76D14



146EC7

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.



008AF7



C76D14



009DC1

Square

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



C76D14



009B4C



0097EA



CC57BA

Rectangle

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



C76D14



758E00



0097EA



657BEF

Sweetspot

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



C76D14



FFDCBA



C71470



806B57



000000



808080

Same Dimension

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



C76D14



FF7F00



C7C414



635E5A



A35100



241200

Inverse Universe

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



146EC7



0080FF



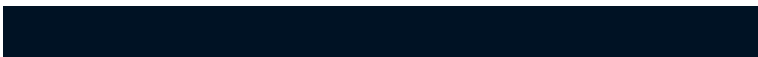
1417C7



5A5F63



0052A3



001224

Previews

White Background



This preview shows how the Hex color C76D14 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 C76D14 Background



This preview shows how black text looks on a background with the Hex color C76D14.



This preview shows how white text looks on a background with the Hex color C76D14.

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
C76D14

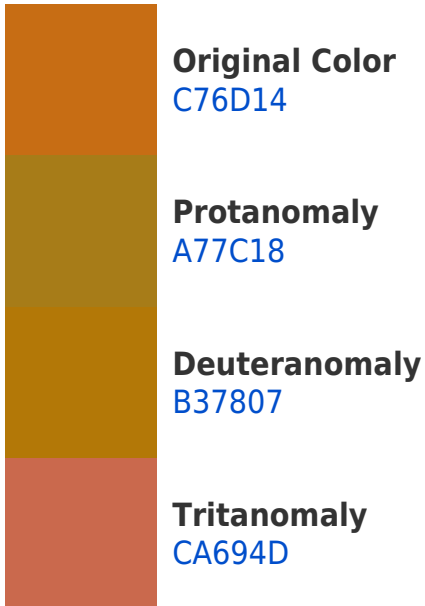
Protanopia
95851B

Deuteranopia
A87E00



Tritanopia
CB666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C76D14 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 #C76D14 looks like.

```
.text, #text, p{  
    color:#C76D14  
}
```

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 #C76D14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76D14
}
```

Border

The CSS property to change the border of an element to Hex C76D14 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
#C76D14 }
```

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

```
.border{ border-color:#C76D14 }
```

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

Here you see how a box with a 4 pixel #C76D14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76D14; -webkit-box-shadow:4px 4px  
4px 4px #C76D14; box-shadow:4px 4px 4px  
4px #C76D14 }
```

Background

The CSS property to change the background color of an element to Hex C76D14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76D14 }
```

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

```
.background{ background-color:#C76D14 }
```

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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