

Converting Colors

Hex(C76B28)

Have a look what the booklet for
Hex(C76B28) contains.

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Color

Hex(C76B28)

Conversions

Conversions Part 1

Format	Color
Hex	C76B28
RGB	199, 107, 40
RGB Percent	78%, 42%, 16%
CMY	0.2196, 0.5804, 0.8431
CMYK	0.00, 0.46, 0.80, 0.22
HSL	25°, 67%, 47%
HSV	25°, 80%, 78%
XYZ	29.1939, 22.8107, 4.8717
YIQ	126.8700, 76.3390, -1.3330

Conversions

Conversions Part 2

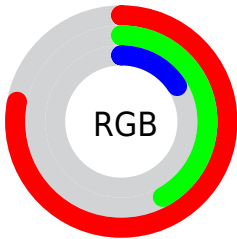
Format	Color
RYB	199, 156, 40
Decimal	13069096
CIELab	54.88, 31.85, 51.20
CIElCh	55, 60.299, 58.114
Yxy	22.8107, 0.5133, 0.4011
Android (android.graphics.Color)	4291259176 (0xFFC76B28)
YUV	126.8700, -42.8269, 63.2580
Hunter-Lab	47.7606, 25.5281, 27.3847

Details

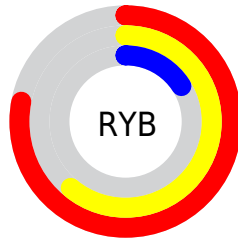
The Hex color **C76B28** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **2884C7**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF9F5A**, and **8B3A00** is the 20% darker color. If you saturate the color by 10%, you get **C75F14**, and if you desaturate by 10%, it is **C7773C**.

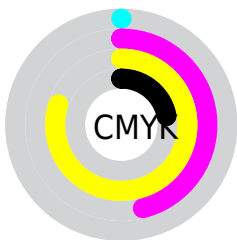
Distribution



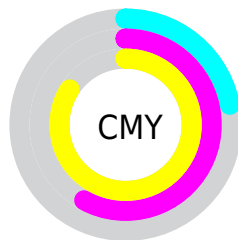
- Red (78%)
- Green (42%)
- Blue (16%)



- Red (78%)
- Yellow (61%)
- Blue (16%)



- Cyan (0%)
- Magenta (46%)
- Yellow (80%)
- Black (22%)



- Cyan (22%)
- Magenta (58%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color C76B28 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 C76B28 by changing the saturation by 10% instead.

 C76B28

 C76B28

FFFFFF

 A9520C

 FF9F5A

 8B3A00

 FFBB74

 6E2200

 FFD78E

 510800

 FFF3AA

 360000

 FFFFFC5

 150000

 FFFFFE2

 000000

 C76B28

 C76B28

 C75F14

 C7773C

 C75400

 C78250

 C78E64

 C79978

 C7A58C

 C7B09F

 C7BCB3

 C7C7C7

 C7D3DB

Harmonies

Analogous

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



DE5655



C76B28



A08000

Triad

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



C76B28



009B7E



7C77E0

Complementary

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



C76B28



2884C7

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.



008BEC



C76B28



009BB3

Square

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



C76B28



0E9749



0096DC



BF5FBB

Rectangle

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



C76B28



7F8A09



0096DC



587EE7

Sweetspot

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



C76B28



FFDCC2



C72885



806A5B



000000



808080

Same Dimension

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



C76B28



FF710A



C7BA28



635E5A



A34500



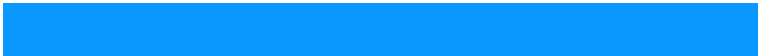
240F00

Inverse Universe

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



2884C7



0A98FF



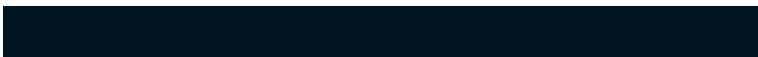
2835C7



5A5F63



005EA3



001524

Previews

White Background



This preview shows how the Hex color C76B28 looks on a white background.

Color Contrast Check

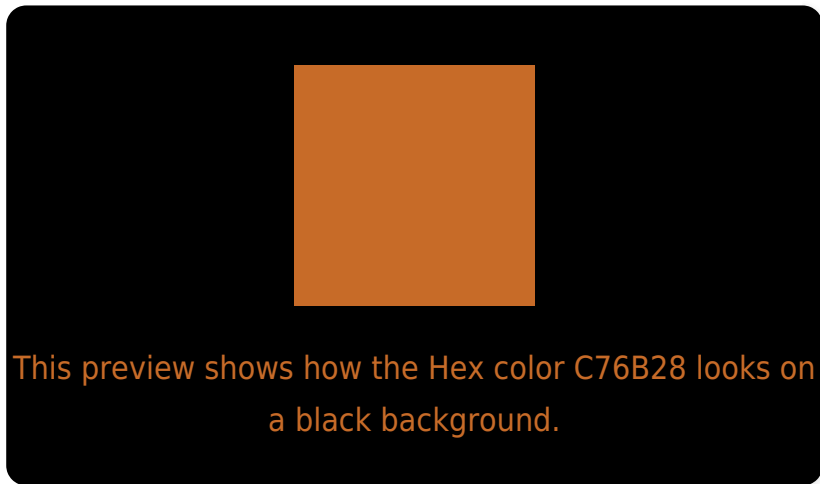
Large Text (above 18pt) WCAG AA ✓ Pass

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 C76B28 Background



This preview shows how black text looks on a background with the Hex color C76B28.



This preview shows how white text looks on a background with the Hex color C76B28.

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
C76B28

Protanopia
93842F

Deuteranopia
A67D21



Tritanopia
CA646B

Trichromacy



Original Color
C76B28

Protanomaly
A67B2C

Deuteranomaly
B27624

Tritanomaly
C96753

Monochromacy



Original Color
C76B28

Achromatopsia
7F7F7F

Achromatomaly
99785F

CSS Examples

Text

The CSS property to change the color of the text to Hex C76B28 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 #C76B28 looks like.

```
.text, #text, p{  
    color:#C76B28  
}
```

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 #C76B28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76B28
}
```

Border

The CSS property to change the border of an element to Hex C76B28 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
#C76B28 }
```

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

```
.border{ border-color:#C76B28 }
```

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

Here you see how a box with a 4 pixel #C76B28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76B28; -webkit-box-shadow:4px 4px  
4px 4px #C76B28; box-shadow:4px 4px 4px  
4px #C76B28 }
```

Background

The CSS property to change the background color of an element to Hex C76B28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76B28 }
```

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

```
.background{ background-color:#C76B28 }
```

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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