

Converting Colors

Hex(C76533)

Have a look what the booklet for
Hex(C76533) contains.

Hex(C76533)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C76533)

Conversions

Conversions Part 1

Format	Color
Hex	C76533
RGB	199, 101, 51
RGB Percent	78%, 40%, 20%
CMY	0.2196, 0.6039, 0.8000
CMYK	0.00, 0.49, 0.74, 0.22
HSL	20°, 59%, 49%
HSV	20°, 74%, 78%
XYZ	28.8044, 21.6885, 5.8001
YIQ	124.6020, 74.4580, 5.2260

Conversions

Conversions Part 2

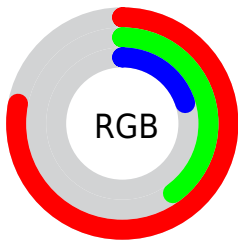
Format	Color
R_{YB}	199, 127, 51
Decimal	13067571
CIE _{Lab}	53.69, 35.44, 44.91
CIE _{LCh}	54, 57.210, 51.723
Yxy	21.6885, 0.5117, 0.3853
Android (android.graphics.Color)	4291257651 (0xFFC76533)
YUV	124.6020, -36.2858, 65.2470
Hunter-Lab	46.5709, 28.9043, 25.2154

Details

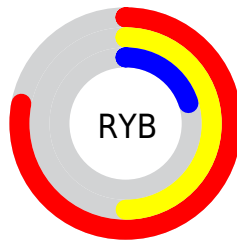
The Hex color **C76533** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3395C7**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF9964**, and **8B3301** is the 20% darker color. If you saturate the color by 10%, you get **C7581F**, and if you desaturate by 10%, it is **C77247**.

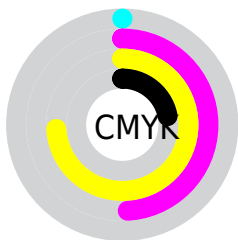
Distribution



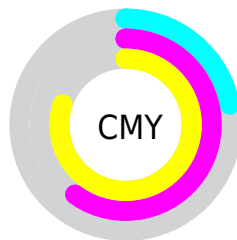
- Red (78%)
- Green (40%)
- Blue (20%)



- Red (78%)
- Yellow (50%)
- Blue (20%)



- Cyan (0%)
- Magenta (49%)
- Yellow (74%)
- Black (22%)



- Cyan (22%)
- Magenta (60%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color C76533 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 C76533 by changing the saturation by 10% instead.

 C76533

 C76533

FFFFFF

 A94C1B

 FF9964

 8B3301

 FFB57E

 6E1A00

 FFD198

 510000

 FFEDB3

 360000

 FFFFFCF

 130000

 FFFFEC

 000000

 C76533

 C76533

 C7581F

 C77247

 C74B0B

 C77F5B

 C74300

 C78D6F

 C79A83

 C7A797

 C7B4AA

 C7C1BE

 C7CED2

 C7DCE6

Harmonies

Analogous

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



D8535F



C76533



A47910

Triad

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



C76533



009771



6679DC

Complementary

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



C76533



3395C7

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.



008AE2



C76533



0097A3

Square

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



C76533



36923F



0094CD



AE63BE

Rectangle

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



C76533



87840D



0094CD



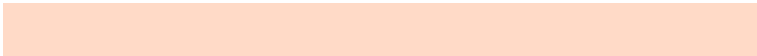
3B7FE1

Sweetspot

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



C76533



FFDAC7



C73396



806A5E



000000



808080

Same Dimension

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



C76533



FF691C



C7AE33



635D5A



A33700



240C00

Inverse Universe

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



3395C7



1CB2FF



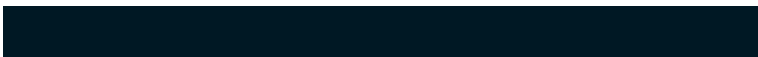
334CC7



5A6063



006CA3



001824

Previews

White Background



This preview shows how the Hex color C76533 looks on a white background.

Color Contrast Check

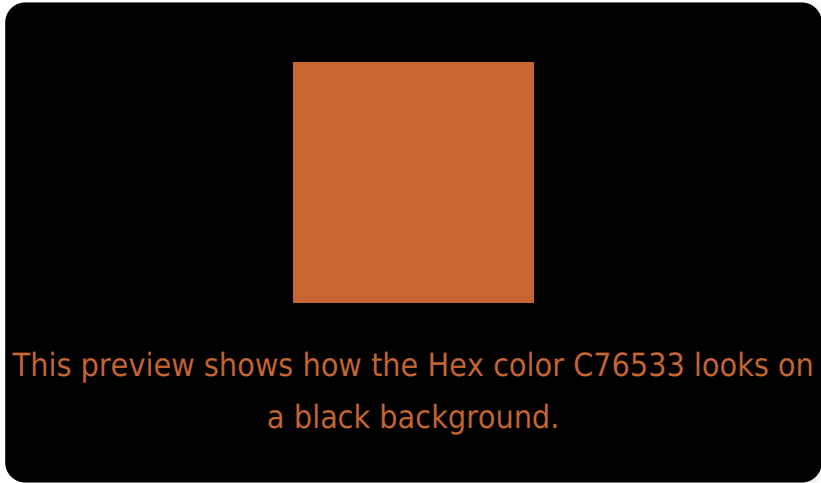
Large Text (above 18pt) WCAG AA ✓ Pass

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

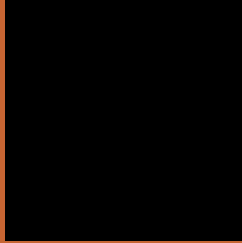
Any Text WCAG AA ✓ Pass

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 C76533 Background



This preview shows how black text looks on a background with the Hex color C76533.



This preview shows how white text looks on a background with the Hex color C76533.

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
C76533

Protanopia
8F813B

Deuteranopia
A17A2D



Tritanopia
C95F66

Trichromacy



Original Color
C76533

Protanomaly
A37738

Deuteranomaly
AF722F

Tritanomaly
C86153

Monochromacy



Original Color
C76533

Achromatopsia
7D7D7D

Achromatomaly
987462

CSS Examples

Text

The CSS property to change the color of the text to Hex C76533 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 #C76533 looks like.

```
.text, #text, p{  
    color:#C76533  
}
```

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 #C76533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76533
}
```

Border

The CSS property to change the border of an element to Hex C76533 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
#C76533 }
```

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

```
.border{ border-color:#C76533 }
```

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

Here you see how a box with a 4 pixel #C76533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76533; -webkit-box-shadow:4px 4px  
4px 4px #C76533; box-shadow:4px 4px 4px  
4px #C76533 }
```

Background

The CSS property to change the background color of an element to Hex C76533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76533 }
```

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

```
.background{ background-color:#C76533 }
```

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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