

Converting Colors

Hex(C76340)

Have a look what the booklet for
Hex(C76340) contains.

Hex(C76340)	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(C76340)

Conversions

Conversions Part 1

Format	Color
Hex	C76340
RGB	199, 99, 64
RGB Percent	78%, 39%, 25%
CMY	0.2196, 0.6118, 0.7490
CMYK	0.00, 0.50, 0.68, 0.22
HSL	16°, 55%, 52%
HSV	16°, 68%, 78%
XYZ	28.9404, 21.4360, 7.4627
YIQ	124.9100, 70.8350, 10.3150

Conversions

Conversions Part 2

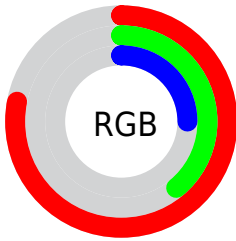
Format	Color
R _Y B	199, 111, 64
Decimal	13067072
CIE Lab	53.42, 37.14, 37.85
CIE LCh	53, 53.025, 45.542
Yxy	21.4360, 0.5004, 0.3706
Android (android.graphics.Color)	4291257152 (0xFFC76340)
YUV	124.9100, -30.0286, 64.9769
Hunter-Lab	46.2990, 30.5531, 22.8526

Details

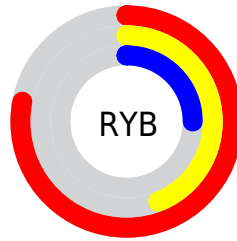
The Hex color **C76340** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **40A4C7**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF9871**, and **8B3112** is the 20% darker color. If you saturate the color by 10%, you get **C7542C**, and if you desaturate by 10%, it is **C77254**.

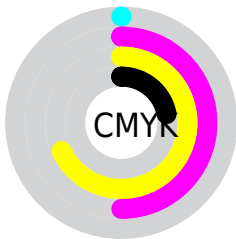
Distribution



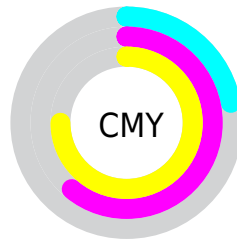
- Red (78%)
- Green (39%)
- Blue (25%)



- Red (78%)
- Yellow (44%)
- Blue (25%)



- Cyan (0%)
- Magenta (50%)
- Yellow (68%)
- Black (22%)



- Cyan (22%)
- Magenta (61%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color C76340 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 C76340 by changing the saturation by 10% instead.

 C76340

 C76340

FFFFFF

 A94A29

 FF9871

 8B3112

 FFB38B

 6F1700

 FFCFA5

 520000

 FFECC1

 370000

 FFFFDD

 140000

 FFFFF9

 000000

 C76340

 C76340

 C7542C

 C77254

 C74618

 C78068

 C73704

 C78F7C

 C73400

 C79E90

 C7ADA4

 C7BBB7

 C7CACB

 C7D9DF

 C7E8F3

Harmonies

Analogous

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



D3566A



C76340



AA7521

Triad

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



C76340



009467



557DD8

Complementary

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



C76340



40A4C7

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.



008BD8



C76340



009697

Square

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



C76340



4C8F3C



0093C0



A069C0

Rectangle

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



C76340



90801A



0093C0



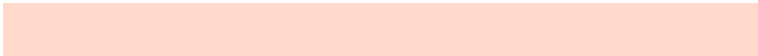
2382DB

Sweetspot

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



C76340



FFD9CC



C740A5



806961



000000



808080

Same Dimension

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



C76340



FF6630



C7A540



635C5A



A32A00



240900

Inverse Universe

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



40A4C7



30C9FF



4062C7



5A6163



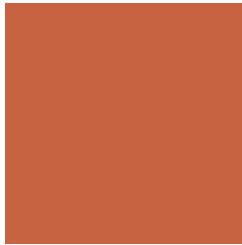
0079A3



001A24

Previews

White Background



This preview shows how the Hex color C76340 looks on a white background.

Color Contrast Check

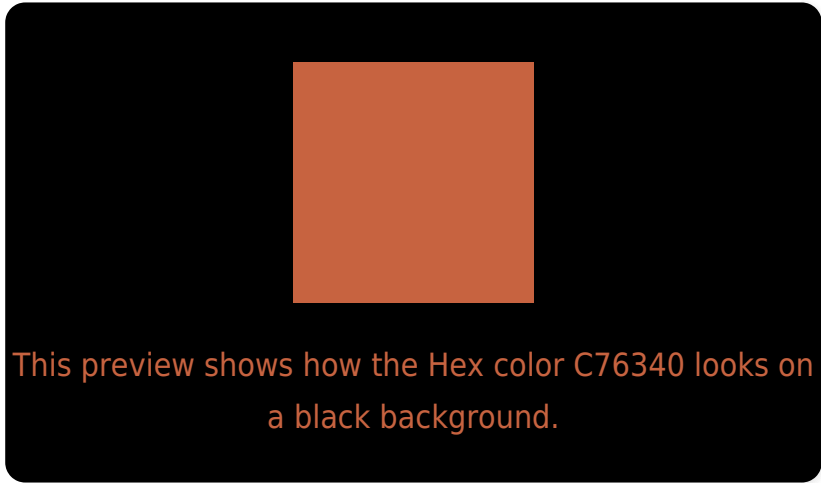
Large Text (above 18pt) WCAG AA ✓ Pass

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

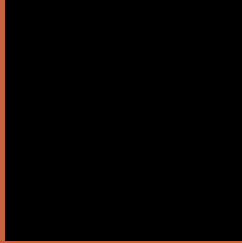
Any Text WCAG AA ✓ Pass

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 C76340 Background



This preview shows how black text looks on a background with the Hex color C76340.



This preview shows how white text looks on a background with the Hex color C76340.

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
C76340

Protanopia
8D804A

Deuteranopia
9E7A3B



Tritanopia
C95E65

Trichromacy



Original Color
C76340

Protanomaly
A27546

Deuteranomaly
AD723D

Tritanomaly
C86058

Monochromacy



Original Color
C76340

Achromatopsia
7D7D7D

Achromatomaly
987467

CSS Examples

Text

The CSS property to change the color of the text to Hex C76340 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 #C76340 looks like.

```
.text, #text, p{  
    color:#C76340  
}
```

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 #C76340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76340
}
```

Border

The CSS property to change the border of an element to Hex C76340 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
#C76340 }
```

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

```
.border{ border-color:#C76340 }
```

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

Here you see how a box with a 4 pixel #C76340 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76340; -webkit-box-shadow:4px 4px  
4px 4px #C76340; box-shadow:4px 4px 4px  
4px #C76340 }
```

Background

The CSS property to change the background color of an element to Hex C76340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76340 }
```

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

```
.background{ background-color:#C76340 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor