

Converting Colors

Hex(C76530)

Have a look what the booklet for
Hex(C76530) contains.

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Color

Hex(C76530)

Conversions

Conversions Part 1

Format	Color
Hex	C76530
RGB	199, 101, 48
RGB Percent	78%, 40%, 19%
CMY	0.2196, 0.6039, 0.8118
CMYK	0.00, 0.49, 0.76, 0.22
HSL	21°, 61%, 48%
HSV	21°, 76%, 78%
XYZ	28.7404, 21.6629, 5.4629
YIQ	124.2600, 75.4210, 4.2930

Conversions

Conversions Part 2

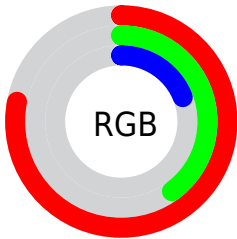
Format	Color
R _Y B	199, 130, 48
Decimal	13067568
CIE Lab	53.67, 35.31, 46.35
CIE LCh	54, 58.268, 52.701
Yxy	21.6629, 0.5145, 0.3878
Android (android.graphics.Color)	4291257648 (0xFFC76530)
YUV	124.2600, -37.5962, 65.5470
Hunter-Lab	46.5434, 28.7721, 25.6214

Details

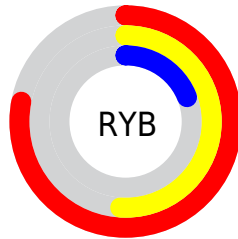
The Hex color **C76530** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3092C7**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF9961**, and **8B3300** is the 20% darker color. If you saturate the color by 10%, you get **C7581C**, and if you desaturate by 10%, it is **C77244**.

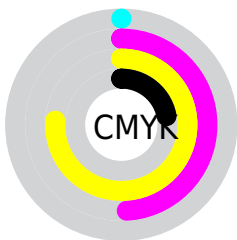
Distribution



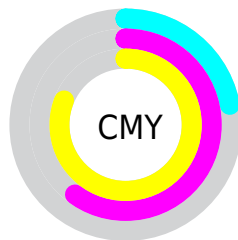
- Red (78%)
- Green (40%)
- Blue (19%)



- Red (78%)
- Yellow (51%)
- Blue (19%)



- Cyan (0%)
- Magenta (49%)
- Yellow (76%)
- Black (22%)



- Cyan (22%)
- Magenta (60%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color C76530 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 C76530 by changing the saturation by 10% instead.

 C76530

 C76530

FFFFFF

 A94C17

 FF9961

 8B3300

 FFB57B

 6E1A00

 FFD195

 510000

 FFEDB0

 360000

 FFFFCC

 130000

 FFFFFE9

 000000

 C76530

 C76530

 C7581C

 C77244

 C74B08

 C77F58

 C74600

 C78C6C

 C79980

 C7A694

 C7B2A7

 C7BFBB

 C7CCCF

 C7D9E3

Harmonies

Analogous

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



D9525D



C76530



A37A0A

Triad

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



C76530



009772



6878DD

Complementary

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



C76530



3092C7

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.



008AE4



C76530



0098A6

Square

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



C76530



309240



0094CF



B161BE

Rectangle

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



C76530



858508



0094CF



3D7FE3

Sweetspot

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



C76530



FFD9C4



C73092



80685C



000000



808080

Same Dimension

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



C76530



FF6817



C7B030



635D5A



A33900



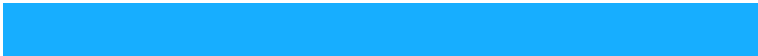
240D00

Inverse Universe

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



3092C7



17AEFF



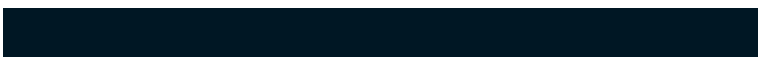
3047C7



5A6063



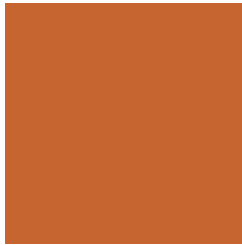
006AA3



001724

Previews

White Background



This preview shows how the Hex color C76530 looks on a white background.

Color Contrast Check

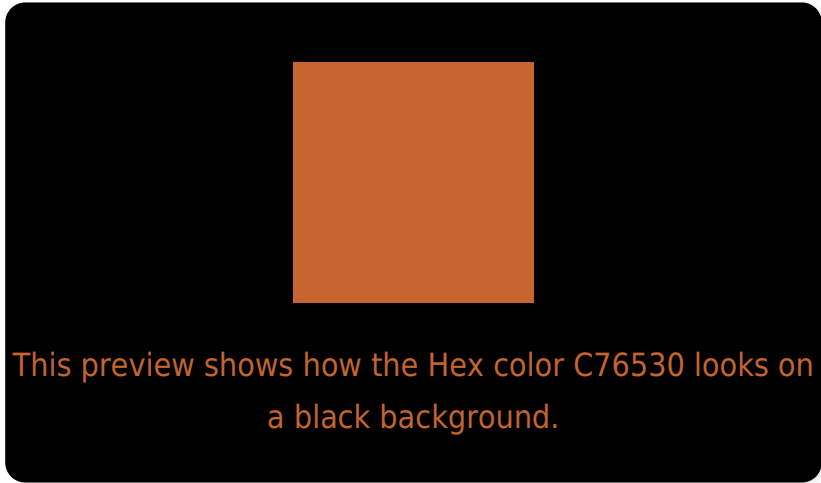
Large Text (above 18pt) WCAG AA ✓ Pass

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

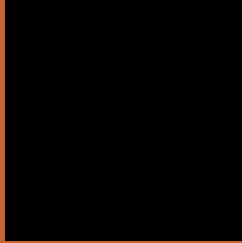
Any Text WCAG AA ✓ Pass

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 C76530 Background



This preview shows how black text looks on a background with the Hex color C76530.



This preview shows how white text looks on a background with the Hex color C76530.

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
C76530

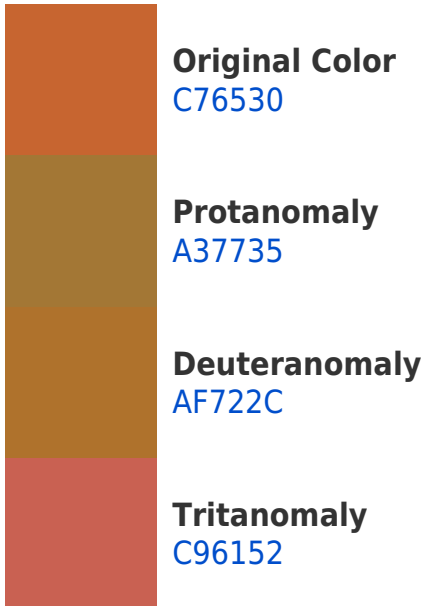
Protanopia
8F8138

Deuteranopia
A17A2A



Tritanopia
CA5F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C76530 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 #C76530 looks like.

```
.text, #text, p{  
    color:#C76530  
}
```

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 #C76530 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76530
}
```

Border

The CSS property to change the border of an element to Hex C76530 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
#C76530 }
```

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

```
.border{ border-color:#C76530 }
```

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

Here you see how a box with a 4 pixel #C76530 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76530; -webkit-box-shadow:4px 4px  
4px 4px #C76530; box-shadow:4px 4px 4px  
4px #C76530 }
```

Background

The CSS property to change the background color of an element to Hex C76530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76530 }
```

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

```
.background{ background-color:#C76530 }
```

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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