

Converting Colors

Hex(C76F21)

Have a look what the booklet for
Hex(C76F21) contains.

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Color

Hex(C76F21)

Conversions

Conversions Part 1

Format	Color
Hex	C76F21
RGB	199, 111, 33
RGB Percent	78%, 44%, 13%
CMY	0.2196, 0.5647, 0.8706
CMYK	0.00, 0.44, 0.83, 0.22
HSL	28°, 72%, 45%
HSV	28°, 83%, 78%
XYZ	29.5121, 23.6208, 4.4427
YIQ	128.4200, 77.4860, -5.6020

Conversions

Conversions Part 2

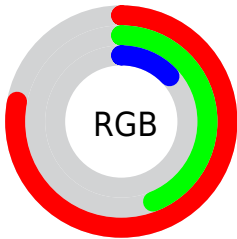
Format	Color
RYB	199, 180, 33
Decimal	13070113
CIELab	55.71, 29.50, 54.78
CIELCh	56, 62.216, 61.697
Yxy	23.6208, 0.5126, 0.4103
Android (android.graphics.Color)	4291260193 (0xFFC76F21)
YUV	128.4200, -47.0421, 61.8987
Hunter-Lab	48.6012, 23.3385, 28.6011

Details

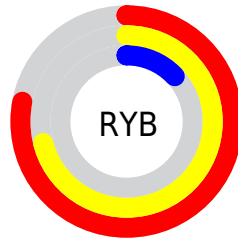
The Hex color **C76F21** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **2179C7**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FFA355**, and **8B3E00** is the 20% darker color. If you saturate the color by 10%, you get **C7640D**, and if you desaturate by 10%, it is **C77A35**.

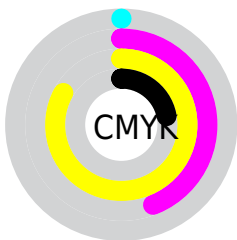
Distribution



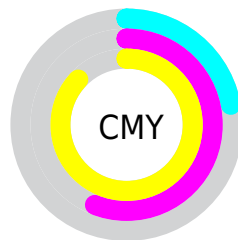
- Red (78%)
- Green (44%)
- Blue (13%)



- Red (78%)
- Yellow (71%)
- Blue (13%)



- Cyan (0%)
- Magenta (44%)
- Yellow (83%)
- Black (22%)



- Cyan (22%)
- Magenta (56%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color C76F21 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 C76F21 by changing the saturation by 10% instead.

 C76F21

 C76F21

FFFFFF

 A95600

 FFA355

 8B3E00

 FFBF6F

 6D2600

 FFDB89

 510E00

 FFF7A4

 350000

 FFFFFC0

 170000

 FFFFDC

 000000

 FFFFF9

 C76F21

 C76F21

 C7640D

 C77A35

 C75E00

 C78449

 C78F5D

 C79971

 C7A485

 C7AE98

 C7B9AC

 C7C3C0

 C7CED4

Harmonies

Analogous

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



E15850



C76F21



9D8400

Triad

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



C76F21



009E87



8876E2

Complementary

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



C76F21



2179C7

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.



008BF2



C76F21



009EBD

Square

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



C76F21



009B4F



0098E4



C85DBA

Rectangle

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



C76F21



7A8E09



0098E4



667EEA

Sweetspot

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



C76F21



FFDDBF



C7217A



806B59



000000



808080

Same Dimension

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



C76F21



FF7800



C7C121



635E5A



A34D00



241100

Inverse Universe

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



2179C7



0087FF



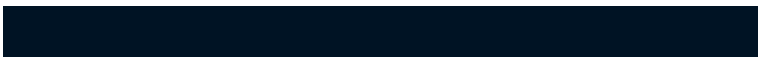
2127C7



5A5F63



0057A3



001324

Previews

White Background



This preview shows how the Hex color C76F21 looks on a white background.

Color Contrast Check

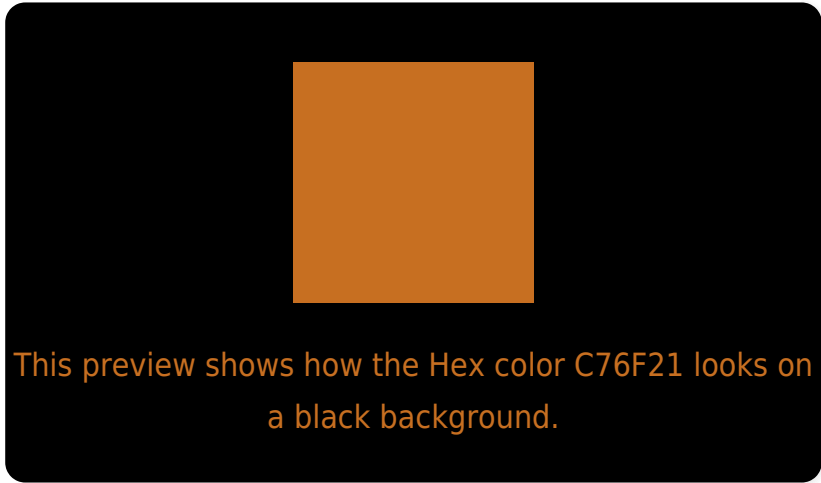
Large Text (above 18pt) WCAG AA ✓ Pass

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 C76F21 Background



This preview shows how black text looks on a background with the Hex color C76F21.



This preview shows how white text looks on a background with the Hex color C76F21.

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
C76F21

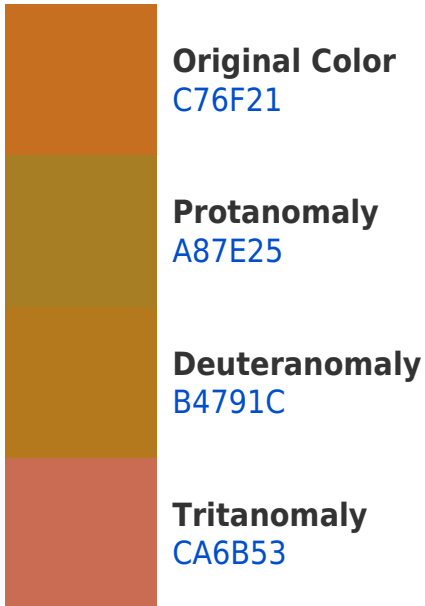
Protanopia
968627

Deuteranopia
A97F19



Tritanopia
CB686F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C76F21 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 #C76F21 looks like.

```
.text, #text, p{  
    color:#C76F21  
}
```

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 #C76F21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76F21
}
```

Border

The CSS property to change the border of an element to Hex C76F21 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
#C76F21 }
```

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

```
.border{ border-color:#C76F21 }
```

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

Here you see how a box with a 4 pixel #C76F21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76F21; -webkit-box-shadow:4px 4px  
4px 4px #C76F21; box-shadow:4px 4px 4px  
4px #C76F21 }
```

Background

The CSS property to change the background color of an element to Hex C76F21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76F21 }
```

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

```
.background{ background-color:#C76F21 }
```

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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