

# Converting Colors

Hex(C96F20)

Have a look what the booklet for  
Hex(C96F20) contains.

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**Color**

**Hex(C96F20)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C96F20
RGB	201, 111, 32
RGB Percent	79%, 44%, 13%
CMY	0.2118, 0.5647, 0.8745
CMYK	0.00, 0.45, 0.84, 0.21
HSL	28°, 73%, 46%
HSV	28°, 84%, 79%
XYZ	30.0325, 23.8907, 4.3950
YIQ	128.9040, 78.9990, -5.4890

# Conversions

## Conversions Part 2

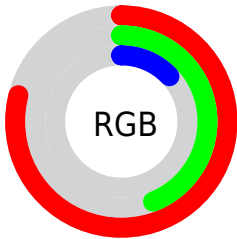
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 180, 32
Decimal	13201184
CIE <sub>Lab</sub>	55.98, 30.30, 55.49
CIE <sub>LCh</sub>	56, 63.230, 61.362
Yxy	23.8907, 0.5150, 0.4097
Android (android.graphics.Color)	4291391264 (0xFFC96F20)
YUV	128.9040, -47.7737, 63.2282
Hunter-Lab	48.8781, 24.1405, 28.8835

# Details

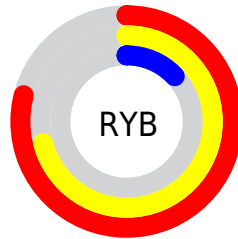
The Hex color **C96F20** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **207AC9**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FFA354**, and **8D3E00** is the 20% darker color. If you saturate the color by 10%, you get **C9640C**, and if you desaturate by 10%, it is **C97A34**.

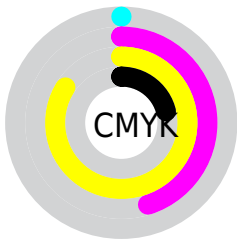
# Distribution



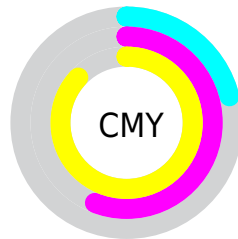
- Red (79%)
- Green (44%)
- Blue (13%)



- Red (79%)
- Yellow (71%)
- Blue (13%)



- Cyan (0%)
- Magenta (45%)
- Yellow (84%)
- Black (21%)



- Cyan (21%)
- Magenta (56%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C96F20 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 C96F20 by changing the saturation by 10% instead.



 C96F20

 C96F20

FFFFFF

 AB5600

 FFA354

 8D3E00

 FFBF6E

 6F2600

 FFDB89

 520E00

 FFF8A4

 370000

 FFFFBF

 1A0001

 FFFFDC

 000000

 FFFFF9

 C96F20

 C96F20

 C9640C

 C97A34

 C95E00

 C98448

 C98F5C

 C99A70

 C9A585

 C9AF99

 C9BAAD

 C9C5C1

 C9CFD5

# Harmonies

## Analogous

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



E45750



C96F20



9E8400

# Triad

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



C96F20



009F87



8876E5

# Complementary

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



C96F20



207AC9

# 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.



008CF5



C96F20



009FBE

# Square

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



C96F20



009C4E



0099E6



CA5DBC

# Rectangle

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



C96F20



7B8F04



0099E6



657EED



# Sweetspot

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



C96F20



FFDDBF



C9207A



806B59



000000



808080



# Same Dimension

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



C96F20



FF7700



C9C320



635E5A



A34C00



241100

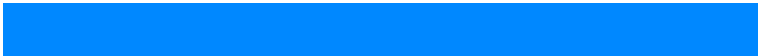


# Inverse Universe

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



207AC9



0088FF



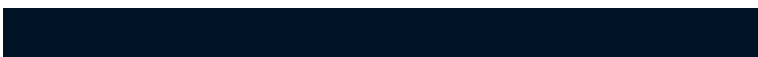
2026C9



5A5F63



0057A3



001324



# Previews

## White Background



This preview shows how the Hex color C96F20 looks on a white background.

## Color Contrast Check

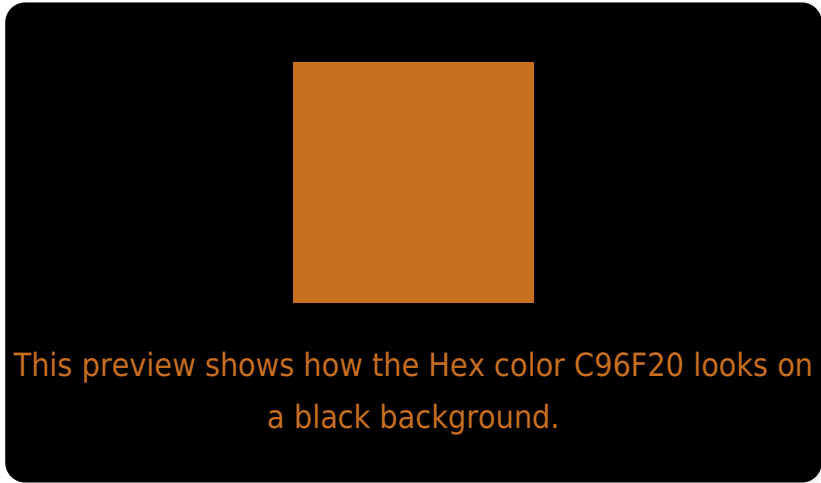
Large Text (above 18pt) WCAG AA ✓ Pass

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 C96F20 Background



This preview shows how black text looks on a background with the Hex color C96F20.



This preview shows how white text looks on a background with the Hex color C96F20.

# 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**  
C96F20

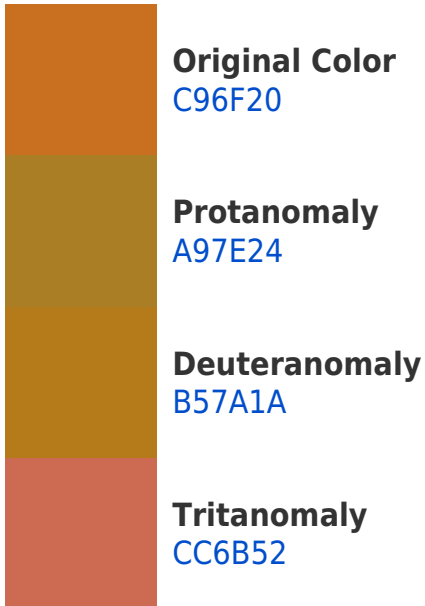
**Protanopia**  
978726

**Deuteranopia**  
AA8017



**Tritanopia**  
CD686F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C96F20 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 #C96F20 looks like.

```
.text, #text, p{  
    color:#C96F20  
}
```

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 #C96F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C96F20
}
```

## Border

The CSS property to change the border of an element to Hex C96F20 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
#C96F20 }
```

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

```
.border{ border-color:#C96F20 }
```

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

Here you see how a box with a 4 pixel #C96F20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C96F20; -webkit-box-shadow:4px 4px  
4px 4px #C96F20; box-shadow:4px 4px 4px  
4px #C96F20 }
```

# Background

The CSS property to change the background color of an element to Hex C96F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C96F20 }
```

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

```
.background{ background-color:#C96F20 }
```

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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