

# Converting Colors

Hex(C46226)

Have a look what the booklet for  
Hex(C46226) contains.

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**Color**

**Hex(C46226)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C46226
RGB	196, 98, 38
RGB Percent	77%, 38%, 15%
CMY	0.2314, 0.6157, 0.8510
CMYK	0.00, 0.50, 0.81, 0.23
HSL	23°, 68%, 46%
HSV	23°, 81%, 77%
XYZ	27.4825, 20.6111, 4.3636
YIQ	120.4620, 77.6680, 2.1160

# Conversions

## Conversions Part 2

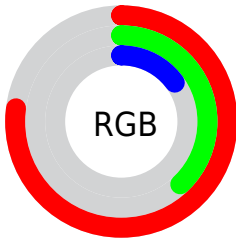
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">196, 135, 38</a>
Decimal	<a href="#">12870182</a>
<a href="#">CIELab</a>	<a href="#">52.52, 35.28, 49.70</a>
<a href="#">CIELCh</a>	<a href="#">53, 60.947, 54.629</a>
<a href="#">Yxy</a>	<a href="#">20.6111, 0.5239, 0.3929</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291060262 (0xFFC46226)</a>
<a href="#">YUV</a>	<a href="#">120.4620, -40.6538, 66.2468</a>
<a href="#">Hunter-Lab</a>	<a href="#">45.3994, 28.6058, 26.0809</a>

# Details

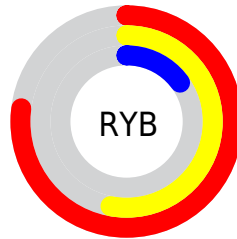
The Hex color **C46226** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **2688C4**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF9658**, and **883000** is the 20% darker color. If you saturate the color by 10%, you get **C45612**, and if you desaturate by 10%, it is **C46E3A**.

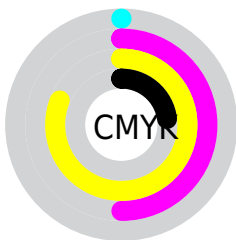
# Distribution



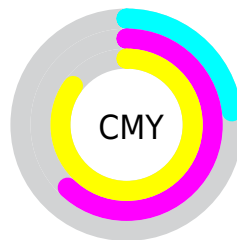
- Red (77%)
- Green (38%)
- Blue (15%)



- Red (77%)
- Yellow (53%)
- Blue (15%)



- Cyan (0%)
- Magenta (50%)
- Yellow (81%)
- Black (23%)



- Cyan (23%)
- Magenta (62%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C46226 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 C46226 by changing the saturation by 10% instead.



 C46226

 C46226

FFFFFF

 A6490A

 FF9658

 883000

 FFB171

 6A1700

 FFCD8B

 4D0000

 FFEAA6

 330000

 FFFFFC2

 080000

 FFFFDE

 000000

 FFFFFB

 C46226

 C46226

 C45612

 C46E3A

 C44A00

 C47A4D

 C48661

 C49374

 C49F88

 C4AB9C

 C4B7AF

 C4C3C3

 C4CFD6

# Harmonies

## Analogous

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



D94C55



C46226



9E7800

# Triad

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



C46226



009572



6973DD

# Complementary

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



C46226



2688C4

# 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.



0086E6



C46226



0095A8

# Square

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



C46226



19903D



0091D2



B35BBB

# Rectangle

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



C46226



7E8300



0091D2



3C7BE3



# Sweetspot

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



C46226



FFD9C2



C4268A



80695B



000000



808080



# Same Dimension

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



C46226



FF6608



C4AF26



615B57



A13D00



210D00

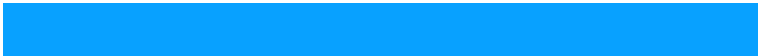


# Inverse Universe

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



2688C4



08A1FF



263BC4



575D61



0064A1



001521



# Previews

## White Background



This preview shows how the Hex color C46226 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 C46226 Background



This preview shows how black text looks on a background with the Hex color C46226.



This preview shows how white text looks on a background with the Hex color C46226.

# 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**  
C46226

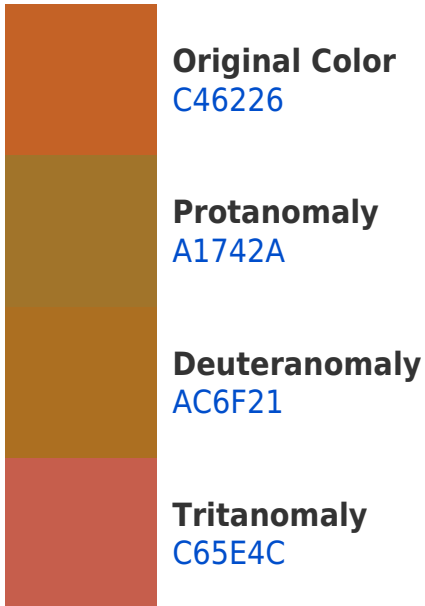
**Protanopia**  
8D7E2D

**Deuteranopia**  
9E771E

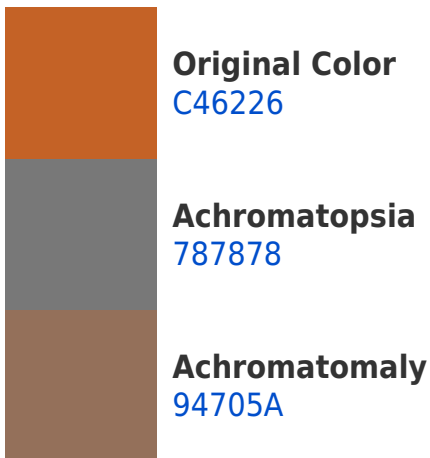


**Tritanopia**  
C75C62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C46226 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 #C46226 looks like.

```
.text, #text, p{  
    color:#C46226  
}
```

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 #C46226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C46226
}
```

## Border

The CSS property to change the border of an element to Hex C46226 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
#C46226 }
```

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

```
.border{ border-color:#C46226 }
```

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

Here you see how a box with a 4 pixel #C46226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C46226; -webkit-box-shadow:4px 4px  
4px 4px #C46226; box-shadow:4px 4px 4px  
4px #C46226 }
```

# Background

The CSS property to change the background color of an element to Hex C46226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C46226 }
```

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

```
.background{ background-color:#C46226 }
```

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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