

# Converting Colors

Hex(C77436)

Have a look what the booklet for  
Hex(C77436) contains.

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**Color**

**Hex(C77436)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C77436
RGB	199, 116, 54
RGB Percent	78%, 45%, 21%
CMY	0.2196, 0.5451, 0.7882
CMYK	0.00, 0.42, 0.73, 0.22
HSL	26°, 57%, 50%
HSV	26°, 73%, 78%
XYZ	30.4644, 24.8992, 6.6904
YIQ	133.7490, 69.3700, -1.6860

# Conversions

## Conversions Part 2

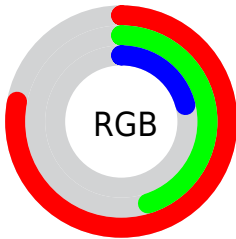
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">199, 162, 54</a>
Decimal	<a href="#">13071414</a>
CIELab	<a href="#">56.98, 27.62, 46.90</a>
CIELCh	<a href="#">57, 54.432, 59.503</a>
Yxy	<a href="#">24.8992, 0.4909, 0.4013</a>
Android (android.graphics.Color)	<a href="#">4291261494 (0xFFC77436)</a>
YUV	<a href="#">133.7490, -39.3163, 57.2251</a>
Hunter-Lab	<a href="#">49.8991, 21.6544, 26.9799</a>

# Details

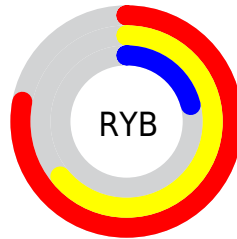
The Hex color **C77436** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3689C7**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FFA968**, and **8C4301** is the 20% darker color. If you saturate the color by 10%, you get **C76922**, and if you desaturate by 10%, it is **C77F4A**.

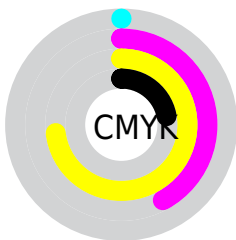
# Distribution



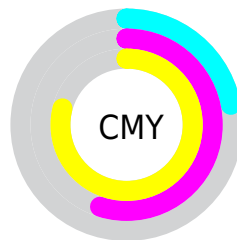
- Red (78%)
- Green (45%)
- Blue (21%)



- Red (78%)
- Yellow (64%)
- Blue (21%)



- Cyan (0%)
- Magenta (42%)
- Yellow (73%)
- Black (22%)



- Cyan (22%)
- Magenta (55%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C77436 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 C77436 by changing the saturation by 10% instead.



 C77436

 C77436

FFFFFF

 A95B1D

 FFA968

 8C4301

 FFC482

 6F2B00

 FFE09C

 521400

 FFFDB8

 370000

 FFFFFD4

 1C0001

 FFFFFF0

 000000

 C77436

 C77436

 C76922

 C77F4A

 C75D0E

 C78B5E

 C75500

 C79672

 C7A286

 C7AD9A

 C7B8AD

 C7C4C1

 C7CFD5

 C7DBE9

# Harmonies

## Analogous

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



DD625D



C77436



A28620

# Triad

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



C77436



009F86



887DDC

# Complementary

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



C77436



3689C7

# 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.



008EE8



C77436



009FB6

# Square

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



C77436



2C9C56



009ADA



C168BA

# Rectangle

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



C77436



849026



009ADA



6B83E2



# Sweetspot

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



C77436



FFDFC7



C7368B



806D5E



000000



808080



# Same Dimension

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



C77436



FF8021



C7BB36



635E5A



A34600



240F00



# Inverse Universe

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



3689C7



21A0FF



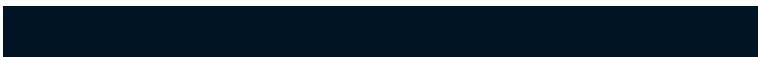
3642C7



5A5F63



005DA3

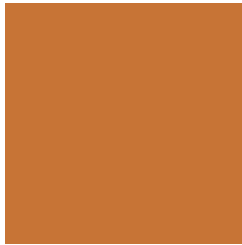


001424



# Previews

## White Background



This preview shows how the Hex color C77436 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

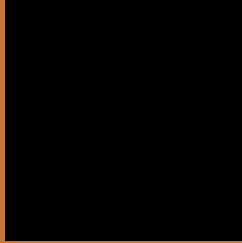
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C77436 Background



This preview shows how black text looks on a background with the Hex color C77436.



This preview shows how white text looks on a background with the Hex color C77436.

# 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**  
C77436

**Protanopia**  
98893C

**Deuteranopia**  
AB8232



**Tritanopia**  
CB6D75

# Trichromacy



**Original Color**  
C77436

**Protanomaly**  
A9813A

**Deuteranomaly**  
B57D33

**Tritanomaly**  
CA705E

# Monochromacy



**Original Color**  
C77436

**Achromatopsia**  
868686

**Achromatomaly**  
9E7F69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C77436 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 #C77436 looks like.

```
.text, #text, p{  
    color:#C77436  
}
```

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 #C77436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C77436
}
```

## Border

The CSS property to change the border of an element to Hex C77436 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
#C77436 }
```

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

```
.border{ border-color:#C77436 }
```

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

Here you see how a box with a 4 pixel #C77436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C77436; -webkit-box-shadow:4px 4px  
4px 4px #C77436; box-shadow:4px 4px 4px  
4px #C77436 }
```

# Background

The CSS property to change the background color of an element to Hex C77436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C77436 }
```

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

```
.background{ background-color:#C77436 }
```

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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