

Converting Colors

Hex(CF7C33)

Have a look what the booklet for
Hex(CF7C33) contains.

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Color

Hex(CF7C33)

Conversions

Conversions Part 1

Format	Color
Hex	CF7C33
RGB	207, 124, 51
RGB Percent	81%, 49%, 20%
CMY	0.1882, 0.5137, 0.8000
CMYK	0.00, 0.40, 0.75, 0.19
HSL	28°, 62%, 51%
HSV	28°, 75%, 81%
XYZ	33.5373, 27.9197, 6.7534
YIQ	140.4950, 72.9010, -5.1070

Conversions

Conversions Part 2

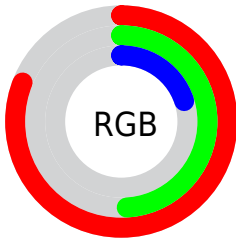
Format	Color
R_{YB}	207, 188, 51
Decimal	13597747
CIE _{Lab}	59.82, 26.53, 51.55
CIE _{LCh}	60, 57.973, 62.772
Yxy	27.9197, 0.4917, 0.4093
Android (android.graphics.Color)	4291787827 (0xFFCF7C33)
YUV	140.4950, -44.1210, 58.3249
Hunter-Lab	52.8391, 20.8266, 29.4095

Details

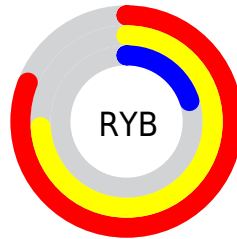
The Hex color **CF7C33** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3386CF**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFB166**, and **934A00** is the 20% darker color. If you saturate the color by 10%, you get **CF711E**, and if you desaturate by 10%, it is **CF8748**.

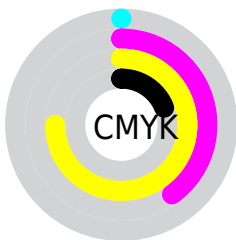
Distribution



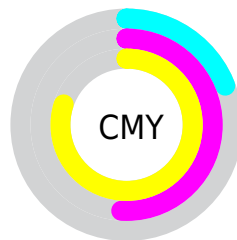
- Red (81%)
- Green (49%)
- Blue (20%)



- Red (81%)
- Yellow (74%)
- Blue (20%)



- Cyan (0%)
- Magenta (40%)
- Yellow (75%)
- Black (19%)



- Cyan (19%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF7C33 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 CF7C33 by changing the saturation by 10% instead.

 CF7C33

 CF7C33

FFFFFF

 B16319

 FFB166

 934A00

 FFCD80

 763300

 FFE99B

 591C00

 FFFFB6

 3E0500

 FFFFD2

 270001

 FFFFEE

 000000

 CF7C33

 CF7C33

 CF711E

 CF8748

■ CF660A

■ CF925C

■ CF6100

■ CF9D71

■ CFA886

■ CFB39B

■ CFBEAF

■ CFC9C4

■ CFD4D9

■ CFDFED

Harmonies

Analogous

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



E8685C



CF7C33



A68F1E

Triad

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



CF7C33



00A893



9781E6

Complementary

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



CF7C33



3386CF

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.



0094F6



CF7C33



00A8C6

Square

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



CF7C33



16A55F



00A1EA



D26BC0

Rectangle

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



CF7C33



859928



00A1EA



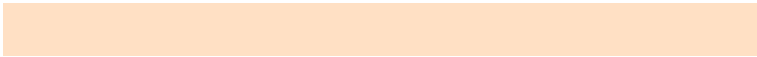
7B88EF

Sweetspot

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



CF7C33



FFE0C4



CF3386



806D5C



000000



808080

Same Dimension

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



CF7C33



FF8519



CFCA33



69635E



A84F00



291300

Inverse Universe

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



3386CF



1994FF



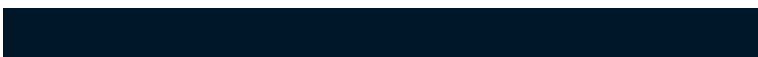
3338CF



5E6469



005AA8



001629

Previews

White Background



This preview shows how the Hex color CF7C33 looks on a white background.

Color Contrast Check

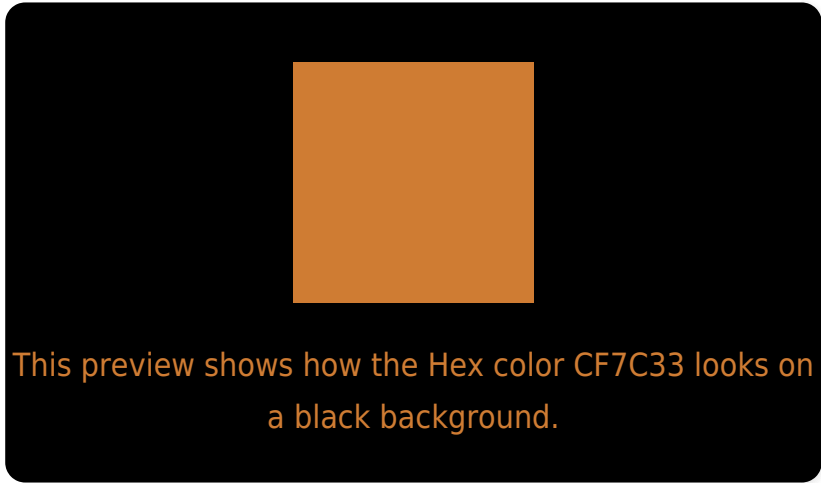
Large Text (above 18pt) WCAG AA ✓ Pass

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

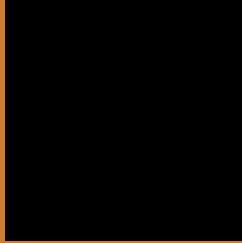
Any Text WCAG AA ✓ Pass

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 CF7C33 Background



This preview shows how black text looks on a background with the Hex color CF7C33.



This preview shows how white text looks on a background with the Hex color CF7C33.

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
CF7C33

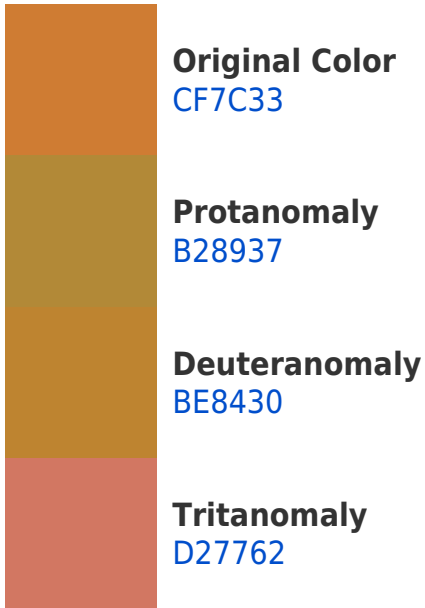
Protanopia
A19139

Deuteranopia
B5892F



Tritanopia
D3747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CF7C33 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 #CF7C33 looks like.

```
.text, #text, p{  
    color:#CF7C33  
}
```

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 #CF7C33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF7C33
}
```

Border

The CSS property to change the border of an element to Hex CF7C33 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
#CF7C33 }
```

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

```
.border{ border-color:#CF7C33 }
```

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

Here you see how a box with a 4 pixel #CF7C33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF7C33; -webkit-box-shadow:4px 4px  
4px 4px #CF7C33; box-shadow:4px 4px 4px  
4px #CF7C33 }
```

Background

The CSS property to change the background color of an element to Hex CF7C33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF7C33 }
```

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

```
.background{ background-color:#CF7C33 }
```

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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