

Converting Colors

Hex(CF7851)

Have a look what the booklet for
Hex(CF7851) contains.

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Color

Hex(CF7851)

Conversions

Conversions Part 1

Format	Color
Hex	CF7851
RGB	207, 120, 81
RGB Percent	81%, 47%, 32%
CMY	0.1882, 0.5294, 0.6824
CMYK	0.00, 0.42, 0.61, 0.19
HSL	19°, 57%, 56%
HSV	19°, 61%, 81%
XYZ	33.9338, 27.2924, 11.2640
YIQ	141.5670, 64.3710, 6.3150

Conversions

Conversions Part 2

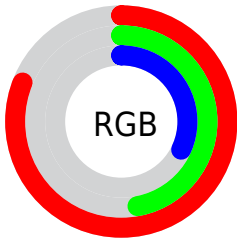
Format	Color
RYB	207, 137, 81
Decimal	13596753
CIELab	59.24, 30.38, 35.84
CIElCh	59, 46.985, 49.718
Yxy	27.2924, 0.4681, 0.3765
Android (android.graphics.Color)	4291786833 (0xFFCF7851)
YUV	141.5670, -29.8595, 57.3847
Hunter-Lab	52.2421, 24.5206, 23.7859

Details

The Hex color **CF7851** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **51A8CF**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFAD83**, and **944622** is the 20% darker color. If you saturate the color by 10%, you get **CF6A3C**, and if you desaturate by 10%, it is **CF8666**.

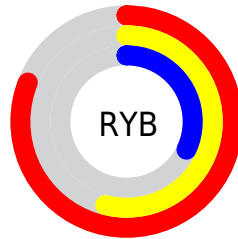
Distribution



Red (81%)

Green (47%)

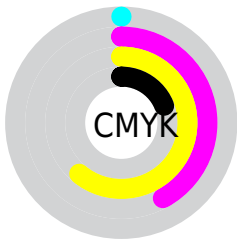
Blue (32%)



Red (81%)

Yellow (54%)

Blue (32%)

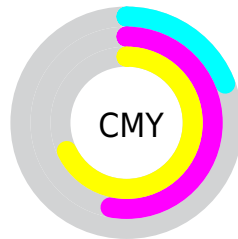


Cyan (0%)

Magenta (42%)

Yellow (61%)

Black (19%)



Cyan (19%)

Magenta (53%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF7851 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 CF7851 by changing the saturation by 10% instead.

 CF7851

 CF7851

FFFFFF

 B15F39

 FFAD83

 944622

 FFC99E

 772E0C

 FFE5B9

 5C1600

 FFFFD5

 400000

 FFFFF1

 280001

 000000

 CF7851

 CF7851

 CF6A3C

 CF8666

 CF5B28

 CF957A

 CF4D13

 CFA38F

 CF4000

 CFB1A4

 CFBFB9

 CFCECD

 CFDCE2

 CF EAF7

 CFF9FF

Harmonies

Analogous

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



DC6D75



CF7851



B3873B

Triad

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



CF7851



00A27F



7A89DC

Complementary

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



CF7851



51A8CF

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.



0097DF



CF7851



00A3A9

Square

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



CF7851



5B9E57



00A0CD



B379C4

Rectangle

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



CF7851



9A9139



00A0CD



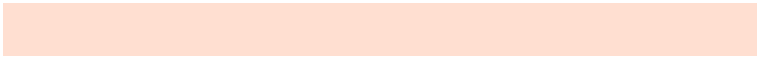
5F8EE0

Sweetspot

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



CF7851



FFDFD1



CF51A9



806C63



000000



808080

Same Dimension

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



CF7851



FF7E45



CFB651



69615E



A83400



290D00

Inverse Universe

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



51A8CF



45C5FF



516ACF



5E6569



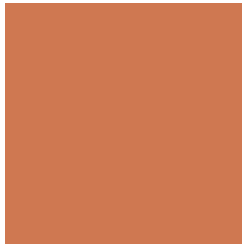
0074A8



001C29

Previews

White Background



This preview shows how the Hex color CF7851 looks on a white background.

Color Contrast Check

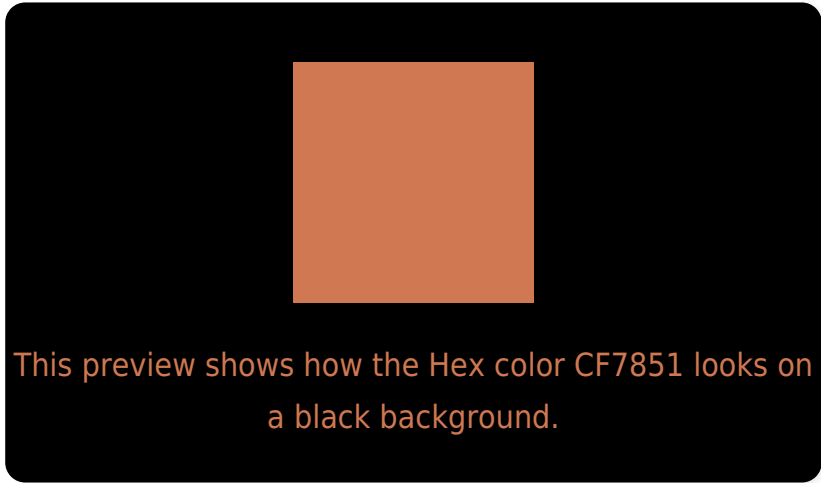
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF7851 Background



This preview shows how black text looks on a background with the Hex color CF7851.

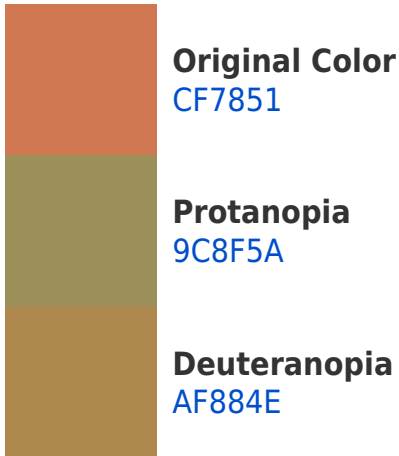


This preview shows how white text looks on a background with the Hex color CF7851.

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](#).

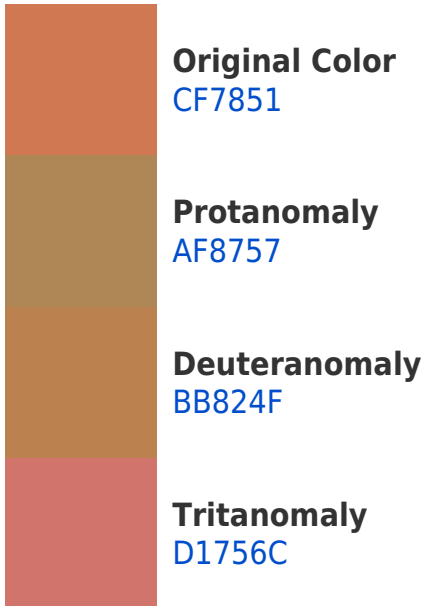
Dichromacy





Tritanopia
D2737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CF7851 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 #CF7851 looks like.

```
.text, #text, p{  
    color:#CF7851  
}
```

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 #CF7851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF7851  
}
```

Border

The CSS property to change the border of an element to Hex CF7851 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  
#CF7851 }
```

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

```
.border{ border-color:#CF7851 }
```

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

Here you see how a box with a 4 pixel #CF7851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF7851; -webkit-box-shadow:4px 4px  
4px 4px #CF7851; box-shadow:4px 4px 4px  
4px #CF7851 }
```

Background

The CSS property to change the background color of an element to Hex CF7851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF7851 }
```

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

```
.background{ background-color:#CF7851 }
```

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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