

# Converting Colors

Hex(CF6247)

Have a look what the booklet for  
Hex(CF6247) contains.

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# Color

**Hex(CF6247)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF6247
RGB	207, 98, 71
RGB Percent	81%, 38%, 28%
CMY	0.1882, 0.6157, 0.7216
CMYK	0.00, 0.53, 0.66, 0.19
HSL	12°, 59%, 55%
HSV	12°, 66%, 81%
XYZ	31.2371, 22.4557, 8.6492
YIQ	127.5130, 73.6310, 14.7110

# Conversions

## Conversions Part 2

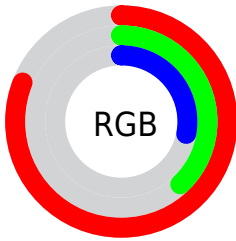
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 105, 71
Decimal	13591111
CIE <sub>Lab</sub>	54.51, 41.14, 35.59
CIE <sub>LCh</sub>	55, 54.397, 40.864
Yxy	22.4557, 0.5011, 0.3602
Android (android.graphics.Color)	4291781191 (0xFFCF6247)
YUV	127.5130, -27.8609, 69.7101
Hunter-Lab	47.3874, 34.7367, 22.3495

# Details

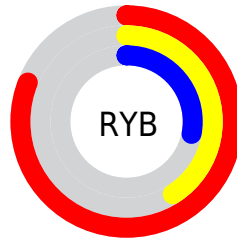
The Hex color **CF6247** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **47B4CF**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF9778**, and **932E1A** is the 20% darker color. If you saturate the color by 10%, you get **CF5132**, and if you desaturate by 10%, it is **CF735C**.

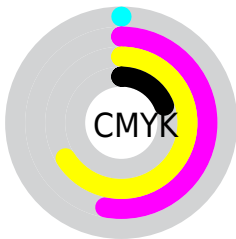
# Distribution



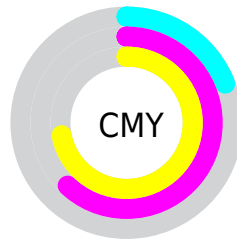
- Red (81%)
- Green (38%)
- Blue (28%)



- Red (81%)
- Yellow (41%)
- Blue (28%)



- Cyan (0%)
- Magenta (53%)
- Yellow (66%)
- Black (19%)



- Cyan (19%)
- Magenta (62%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF6247 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 CF6247 by changing the saturation by 10% instead.



 CF6247

 CF6247

FFFFFF

 B14830

 FF9778

 932E1A

 FFB392

 761202

 FFCFAD

 590000

 FFEBC8

 3C0000

 FFFFE5

 1F0001

 000000

 CF6247

 CF6247

 CF5132

 CF735C

 CF411E

 CF8370

 CF3009

 CF9485

 CF2900

 CFA49A

 CFB5AF

 CFC6C3

 CFD6D8

 CFE7ED

 CFF7FF

# Harmonies

## Analogous

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



D85673



CF6247



B37524

# Triad

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



CF6247



009762



4282DF

# Complementary

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



CF6247



47B4CF

# 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.



0090DB



CF6247



009993

# Square

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



CF6247



579136



0097BF



9B6ECA

# Rectangle

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



CF6247



998119



0097BF



0087E1



# Sweetspot

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



CF6247



FFD6CC



CF47B6



806761



000000



808080



# Same Dimension

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



CF6247



FF5E36



CFA447



69605E



A82100



290800



# Inverse Universe

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



47B4CF



36D7FF



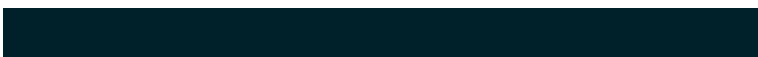
4772CF



5E6669



0087A8

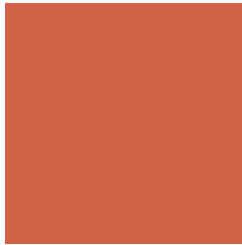


002129



# Previews

## White Background



This preview shows how the Hex color CF6247 looks on a white background.

## Color Contrast Check

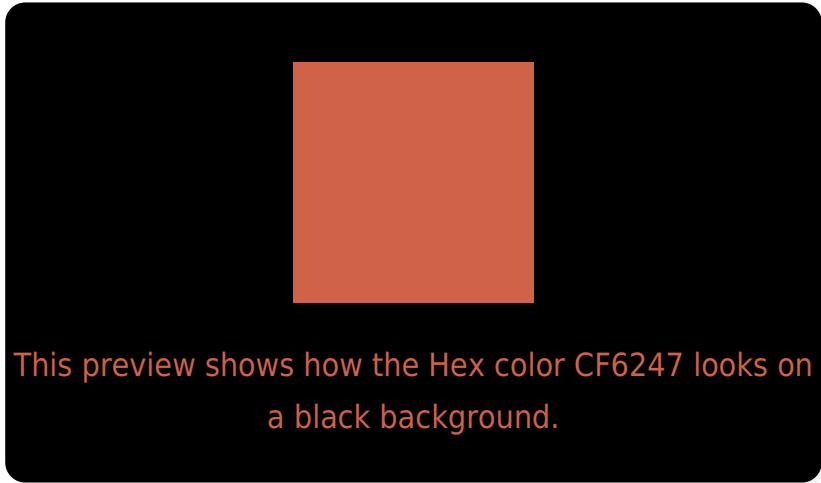
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF6247 Background



This preview shows how black text looks on a background with the Hex color CF6247.



This preview shows how white text looks on a background with the Hex color CF6247.

# 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**  
CF6247

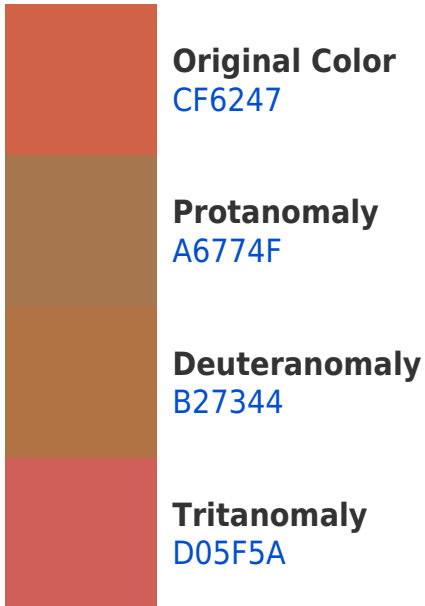
**Protanopia**  
8F8353

**Deuteranopia**  
A17D42



**Tritanopia**  
D15E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF6247 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 #CF6247 looks like.

```
.text, #text, p{  
    color:#CF6247  
}
```

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 #CF6247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF6247
}
```

## Border

The CSS property to change the border of an element to Hex CF6247 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
#CF6247 }
```

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

```
.border{ border-color:#CF6247 }
```

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

Here you see how a box with a 4 pixel #CF6247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF6247; -webkit-box-shadow:4px 4px  
4px 4px #CF6247; box-shadow:4px 4px 4px  
4px #CF6247 }
```

# Background

The CSS property to change the background color of an element to Hex CF6247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF6247 }
```

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

```
.background{ background-color:#CF6247 }
```

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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