

Converting Colors

Hex(C4663F)

Have a look what the booklet for
Hex(C4663F) contains.

Hex(C4663F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C4663F)

Conversions

Conversions Part 1

Format	Color
Hex	C4663F
RGB	196, 102, 63
RGB Percent	77%, 40%, 25%
CMY	0.2314, 0.6000, 0.7529
CMYK	0.00, 0.48, 0.68, 0.23
HSL	18°, 53%, 51%
HSV	18°, 68%, 77%
XYZ	28.4135, 21.5974, 7.3738
YIQ	125.6600, 68.5430, 7.7990

Conversions

Conversions Part 2

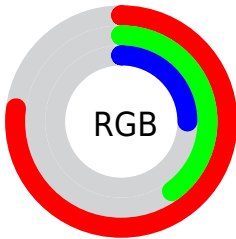
Format	Color
R_{YB}	196, 118, 63
Decimal	12871231
CIE _{Lab}	53.60, 34.33, 38.47
CIE _{LCh}	54, 51.566, 48.254
Yxy	21.5974, 0.4951, 0.3764
Android (android.graphics.Color)	4291061311 (0xFFC4663F)
YUV	125.6600, -30.8914, 61.6882
Hunter-Lab	46.4730, 27.8069, 23.1237

Details

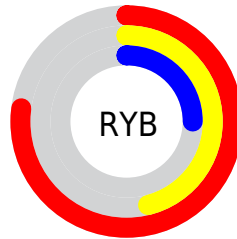
The Hex color **C4663F** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3F9DC4**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF9A70**, and **893411** is the 20% darker color. If you saturate the color by 10%, you get **C4582B**, and if you desaturate by 10%, it is **C47453**.

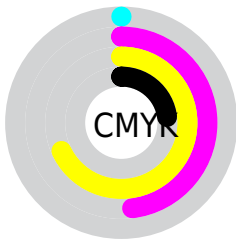
Distribution



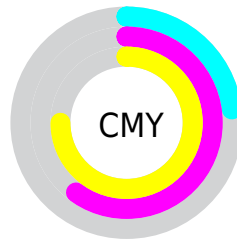
- Red (77%)
- Green (40%)
- Blue (25%)



- Red (77%)
- Yellow (46%)
- Blue (25%)



- Cyan (0%)
- Magenta (48%)
- Yellow (68%)
- Black (23%)



- Cyan (23%)
- Magenta (60%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4663F 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 C4663F by changing the saturation by 10% instead.

 C4663F

 C4663F

FFFFFF

 A64D28

 FF9A70

 893411

 FFB68A

 6C1B00

 FFD2A4

 4F0000

 FFEEC0

 350000

 FFFFDC

 100000

 FFFFF8

 000000

 C4663F

 C4663F

 C4582B

 C47453

 C44A18

 C48266

 C43C04

 C4907A

 C43900

 C49D8D

 C4ABA1

 C4B9B5

 C4C7C8

 C4D5DC

 C4E3EF

Harmonies

Analogous

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



D15867



C4663F



A67823

Triad

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



C4663F



00946C



617BD5

Complementary

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



C4663F



3F9DC4

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.



008AD7



C4663F



00969B

Square

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



C4663F



499042



0092C2



A569BC

Rectangle

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



C4663F



8C821F



0092C2



3B81D8

Sweetspot

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



C4663F



FFDBCC



C43F9E



806A61



000000



808080

Same Dimension

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



C4663F



FF6D30



C4A73F



615A57



A12F00



210A00

Inverse Universe

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



3F9DC4



30C2FF



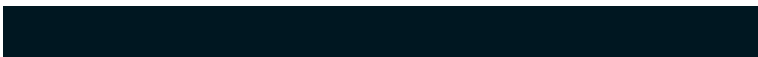
3F5CC4



575E61



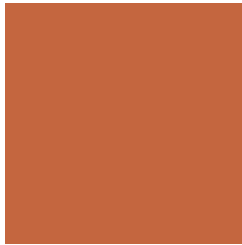
0072A1



001721

Previews

White Background



This preview shows how the Hex color C4663F 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 C4663F Background



This preview shows how black text looks on a background with the Hex color C4663F.



This preview shows how white text looks on a background with the Hex color C4663F.

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
C4663F

Protanopia
8D8148

Deuteranopia
9F7A3A



Tritanopia
C66168

Trichromacy



Original Color
C4663F

Protanomaly
A17745

Deuteranomaly
AC733C

Tritanomaly
C56359

Monochromacy



Original Color
C4663F

Achromatopsia
7E7E7E

Achromatomaly
977567

CSS Examples

Text

The CSS property to change the color of the text to Hex C4663F 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 #C4663F looks like.

```
.text, #text, p{  
    color:#C4663F  
}
```

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 #C4663F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4663F
}
```

Border

The CSS property to change the border of an element to Hex C4663F is called "border". The border property can be set on classes, ids or directly on the HTML element.

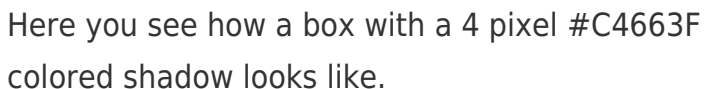
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4663F }
```

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

```
.border{ border-color:#C4663F }
```

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



Here you see how a box with a 4 pixel #C4663F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4663F; -webkit-box-shadow:4px 4px  
4px 4px #C4663F; box-shadow:4px 4px 4px  
4px #C4663F }
```

Background

The CSS property to change the background color of an element to Hex C4663F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4663F }
```

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

```
.background{ background-color:#C4663F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor