

# Converting Colors

Hex(CC613D)

Have a look what the booklet for  
Hex(CC613D) contains.

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**Color**

**Hex(CC613D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC613D
RGB	204, 97, 61
RGB Percent	80%, 38%, 24%
CMY	0.2000, 0.6196, 0.7608
CMYK	0.00, 0.52, 0.70, 0.20
HSL	15°, 58%, 52%
HSV	15°, 70%, 80%
XYZ	30.0188, 21.7237, 7.0258
YIQ	124.8890, 75.3280, 11.4880

# Conversions

## Conversions Part 2

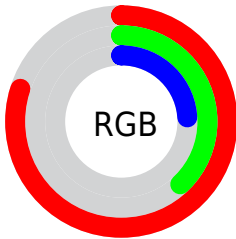
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	204, 109, 61
Decimal	13394237
CIELab	53.73, 39.93, 40.01
CIElCh	54, 56.528, 45.056
Yxy	21.7237, 0.5108, 0.3696
Android (android.graphics.Color)	4291584317 (0xFFCC613D)
YUV	124.8890, -31.4973, 69.3803
Hunter-Lab	46.6087, 33.3998, 23.6887

# Details

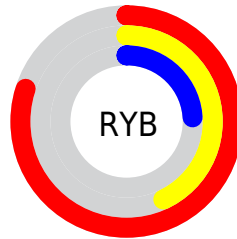
The Hex color **CC613D** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3DA8CC**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF966E**, and **902E0F** is the 20% darker color. If you saturate the color by 10%, you get **CC5229**, and if you desaturate by 10%, it is **CC7051**.

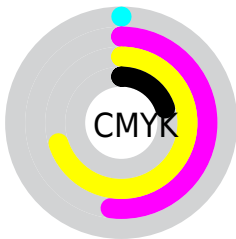
# Distribution



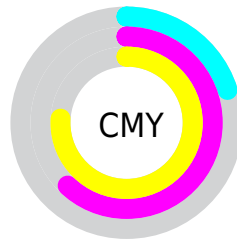
- Red (80%)
- Green (38%)
- Blue (24%)



- Red (80%)
- Yellow (43%)
- Blue (24%)



- Cyan (0%)
- Magenta (52%)
- Yellow (70%)
- Black (20%)



- Cyan (20%)
- Magenta (62%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC613D 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 CC613D by changing the saturation by 10% instead.



 CC613D

 CC613D

FFFFFF

 AE4726

 FF966E

 902E0F

 FFB188

 731200

 FFCDA2

 550000

 FFEABD

 3A0000

 FFFFD9

 1A0001

 FFFFF6

 000000

 CC613D

 CC613D

 CC5229

 CC7051

 CC4214

 CC8066

 CC3300

 CC8F7A

 CC9E8F

 CCADA3

 CCBDB7

 CCCCCC

 CCDBE0

 CCEAF5

# Harmonies

## Analogous

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



D8526A



CC613D



AD7519

# Triad

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



CC613D



009666



4E7DDF

# Complementary

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



CC613D



3DA8CC

# 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.



008DDF



CC613D



009798

# Square

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



CC613D



499037



0095C4



A268C6

# Rectangle

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



CC613D



91810D



0095C4



0083E2



# Sweetspot

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



CC613D



FFD7C9



CC3DA8



806860



000000



808080



# Same Dimension

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



CC613D



FF5F29



CCA83D



665E5C



A62A00



260A00



# Inverse Universe

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



3DA8CC



29C9FF



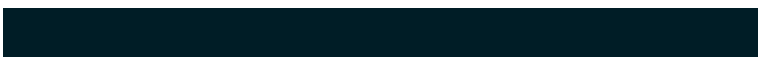
3D61CC



5C6366



007CA6

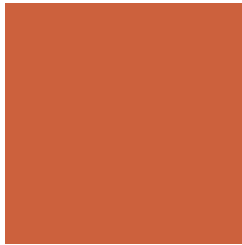


001D26



# Previews

## White Background



This preview shows how the Hex color CC613D looks on a white background.

## Color Contrast Check

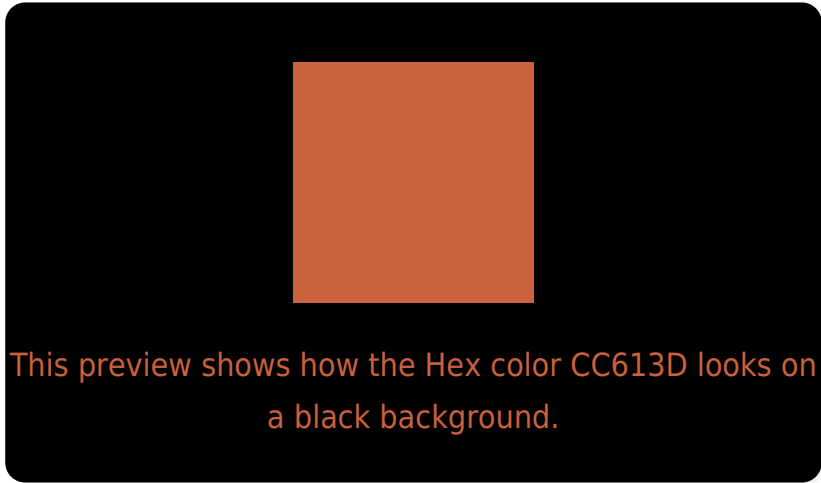
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC613D Background



This preview shows how black text looks on a background with the Hex color CC613D.



This preview shows how white text looks on a background with the Hex color CC613D.

# 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



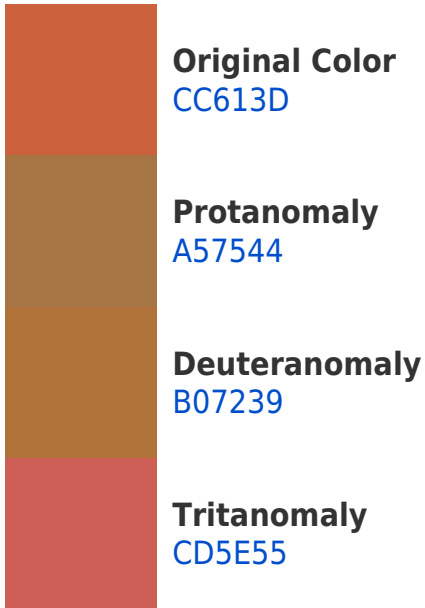
**Original Color**  
CC613D

**Protanopia**  
8E8148

**Deuteranopia**  
A07B37



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC613D 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 #CC613D looks like.

```
.text, #text, p{  
    color:#CC613D  
}
```

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 #CC613D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC613D
}
```

## Border

The CSS property to change the border of an element to Hex CC613D 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
#CC613D }
```

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

```
.border{ border-color:#CC613D }
```

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

Here you see how a box with a 4 pixel #CC613D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC613D; -webkit-box-shadow:4px 4px  
4px 4px #CC613D; box-shadow:4px 4px 4px  
4px #CC613D }
```

# Background

The CSS property to change the background color of an element to Hex CC613D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC613D }
```

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

```
.background{ background-color:#CC613D }
```

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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