

# Converting Colors

Hex(C0473F)

Have a look what the booklet for  
Hex(C0473F) contains.

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# Color

Hex(C0473F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0473F
RGB	192, 71, 63
RGB Percent	75%, 28%, 25%
CMY	0.2471, 0.7216, 0.7529
CMYK	0.00, 0.63, 0.67, 0.25
HSL	4°, 51%, 50%
HSV	4°, 67%, 75%
XYZ	24.8887, 16.0718, 6.4930
YIQ	106.2670, 74.6840, 23.1640

# Conversions

## Conversions Part 2

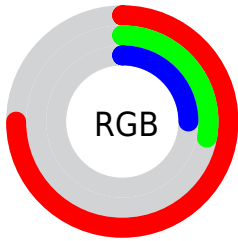
Format	Color
<a href="#">RYB</a>	<a href="#">192, 72, 63</a>
Decimal	<a href="#">12601151</a>
CIELab	<a href="#">47.07, 48.04, 30.60</a>
CIELCh	<a href="#">47, 56.955, 32.500</a>
Yxy	<a href="#">16.0718, 0.5245, 0.3387</a>
Android (android.graphics.Color)	<a href="#">4290791231</a> <a href="#">(0xFFC0473F)</a>
YUV	<a href="#">106.2670, -21.3306, 75.1878</a>
Hunter-Lab	<a href="#">40.0897, 40.6603, 18.4600</a>

# Details

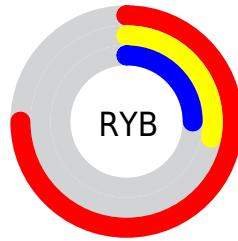
The Hex color **C0473F** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3FB8C0**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FE7D6F**, and **840814** is the 20% darker color. If you saturate the color by 10%, you get **C0352C**, and if you desaturate by 10%, it is **C05952**.

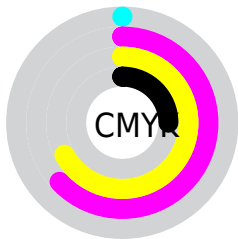
# Distribution



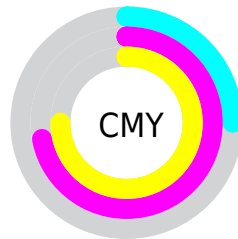
- Red (75%)
- Green (28%)
- Blue (25%)



- Red (75%)
- Yellow (28%)
- Blue (25%)



- Cyan (0%)
- Magenta (63%)
- Yellow (67%)
- Black (25%)



- Cyan (25%)
- Magenta (72%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0473F 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 C0473F by changing the saturation by 10% instead.



 C0473F

 C0473F

FFFFFF

 A22C29

 FE7D6F

 840814

 FF9888

 670000

 FFB4A3

 490000

 FFD0BE

 2F0002

 FFEDDA

 000000

 FFFFF6

 C0473F

 C0473F

 C0352C

 C05952

 C02319

 C06B65

 C01105

 C07D79

 C00C00

 C08F8C

 C0A19F

 C0B3B2

 C0C5C5

 C0D7D9

 C0E9EC

# Harmonies

## Analogous

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



C33D6E



C0473F



A85C14

# Triad

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



C0473F



008241



0074D0

# Complementary

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



C0473F



3FB8C0

# 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.



0080C4



C0473F



008572

# Square

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



C0473F



527B10



0085A2



7461C1

# Rectangle

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



C0473F



906900



0085A2



0079CF



# Sweetspot

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



C0473F



FACBC8



C03FBA



7D615F



FCFCFC



7D7D7D



# Same Dimension

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



C0473F



FA3C2F



C0863F



615857



A10A00



210200



# Inverse Universe

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



3FB8C0



2FEDFA



3F79C0



576061



0097A1



001F21



# Previews

## White Background



This preview shows how the Hex color C0473F looks on a white background.

## Color Contrast Check

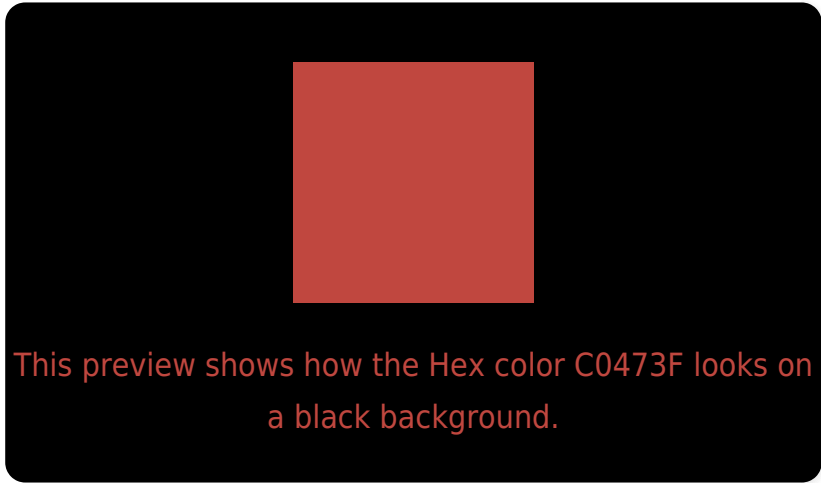
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C0473F Background



This preview shows how black text looks on a background with the Hex color C0473F.

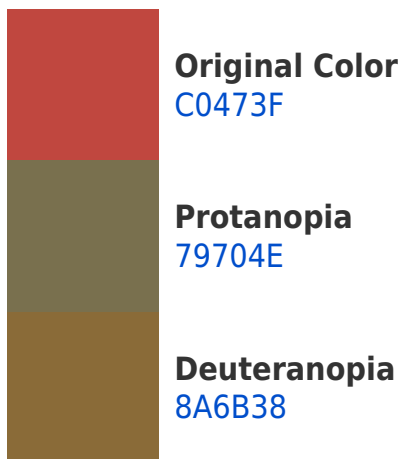


This preview shows how white text looks on a background with the Hex color C0473F.

# 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](#).

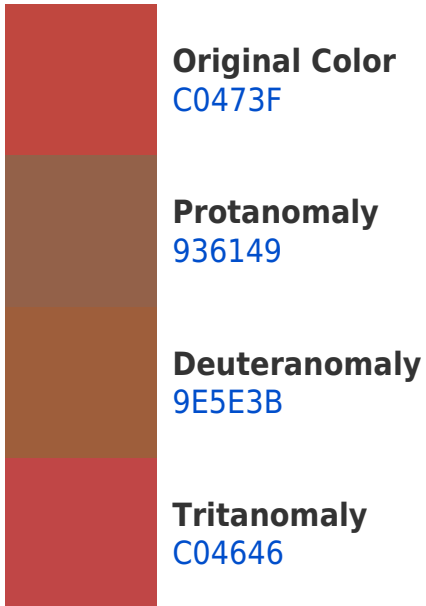
## Dichromacy



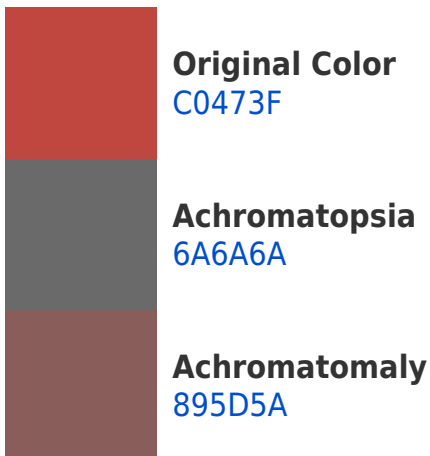


**Tritanopia**  
C0454A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0473F 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 #C0473F looks like.

```
.text, #text, p{  
    color:#C0473F  
}
```

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 #C0473F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0473F
}
```

## Border

The CSS property to change the border of an element to Hex C0473F is called "border". The border property can be set on classes, ids or directly on the HTML element.

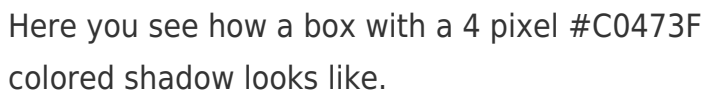
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C0473F }
```

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

```
.border{ border-color:#C0473F }
```

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



Here you see how a box with a 4 pixel `#C0473F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0473F; -webkit-box-shadow:4px 4px  
4px 4px #C0473F; box-shadow:4px 4px 4px  
4px #C0473F }
```

# Background

The CSS property to change the background color of an element to Hex C0473F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0473F }
```

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

```
.background{ background-color:#C0473F }
```

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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