

# Converting Colors

Hex(C0374C)

Have a look what the booklet for  
Hex(C0374C) contains.

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# Color

Hex(C0374C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0374C
RGB	192, 55, 76
RGB Percent	75%, 22%, 30%
CMY	0.2471, 0.7843, 0.7020
CMYK	0.00, 0.71, 0.60, 0.25
HSL	351°, 55%, 48%
HSV	351°, 71%, 75%
XYZ	24.4089, 14.4606, 8.3422
YIQ	98.3570, 74.9110, 35.5750

# Conversions

## Conversions Part 2

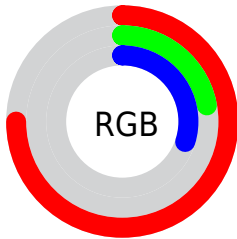
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 55, 76
Decimal	12597068
CIE <sub>Lab</sub>	44.89, 55.37, 20.03
CIE <sub>LCh</sub>	45, 58.885, 19.888
Yxy	14.4606, 0.5170, 0.3063
Android (android.graphics.Color)	4290787148 (0xFFC0374C)
YUV	98.3570, -11.0220, 82.1249
Hunter-Lab	38.0272, 48.0283, 13.6123

# Details

The Hex color **C0374C** is a dark color, and the websafe version is hex **990033**. The color can be described as dark muted red. A complement of this color would be **37C0AB**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FE6F7D**, and **840020** is the 20% darker color. If you saturate the color by 10%, you get **C0243C**, and if you desaturate by 10%, it is **C04A5C**.

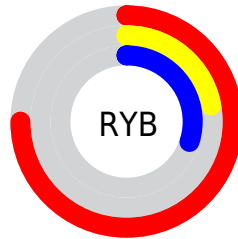
# Distribution



Red (75%)

Green (22%)

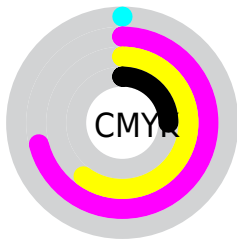
Blue (30%)



Red (75%)

Yellow (22%)

Blue (30%)

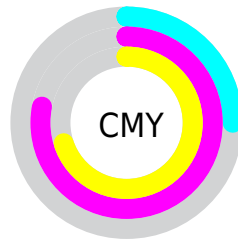


Cyan (0%)

Magenta (71%)

Yellow (60%)

Black (25%)



Cyan (25%)

Magenta (78%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0374C 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 C0374C by changing the saturation by 10% instead.



 C0374C

 C0374C

FFFFFF

 A21535

 FE6F7D

 840020

 FF8B96

 66000A

 FFA7B1

 490001

 FFC4CD

 2D0001

 FFE1E9

 000000

FFFEFF

 C0374C

 C0374C

 C0243C

 C04A5C

 C0112B

 C05D6D

 C0001D

 C0717D

 C0848D

 C0979D

 C0AAAE

 C0BDBE

 C0D1CE

 C0E4DE

# Harmonies

## Analogous

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



B9377D



C0374C



AF4C1E

# Triad

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



C0374C



1A7B25



0075CB

# Complementary

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



C0374C



37C0AB

# 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.



007EB5



C0374C



007F57

# Square

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



C0374C



617200



00808A



4164C7

# Rectangle

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



C0374C



9B5B00



00808A



0079C7



# Sweetspot

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



C0374C



FAC5CD



A937C0



7D5E63



FCFCFC



7D7D7D



# Same Dimension

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



C0374C



FA2344



C06537



615759



A10019



210005



# Inverse Universe

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



C0374C



FA2344



3792C0



615759



A10019



210005



# Previews

## White Background



This preview shows how the Hex color C0374C looks on a white background.

## Color Contrast Check

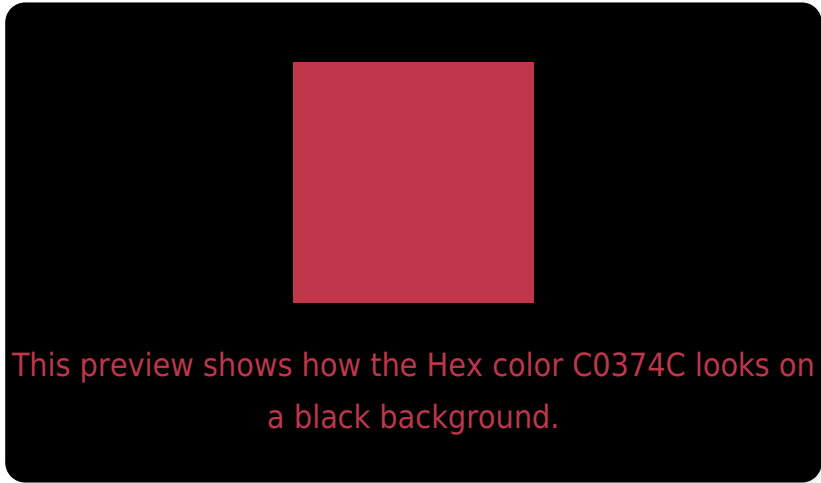
Large Text (above 18pt) WCAG AA ✓ Pass

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 C0374C Background



This preview shows how black text looks on a background with the Hex color C0374C.

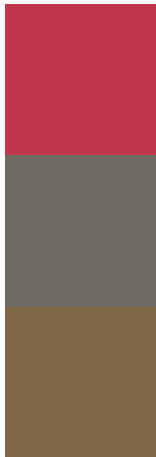


This preview shows how white text looks on a background with the Hex color C0374C.

# 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**  
C0374C

**Protanopia**  
6F6B63

**Deuteranopia**  
816645



# Trichromacy



**Original Color**  
C0374C

**Protanomaly**  
8C585B

**Deuteranomaly**  
985548

**Tritanomaly**  
BF3942

# Monochromacy



**Original Color**  
C0374C

**Achromatopsia**  
626262

**Achromatomaly**  
84525A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0374C 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 #C0374C looks like.

```
.text, #text, p{  
    color:#C0374C  
}
```

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 #C0374C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0374C
}
```

## Border

The CSS property to change the border of an element to Hex C0374C is called "border". The border property can be set on classes, ids or directly on the HTML element.

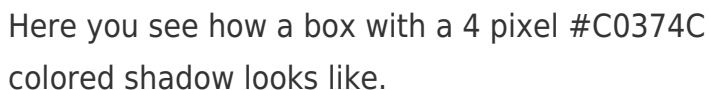
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C0374C }
```

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

```
.border{ border-color:#C0374C }
```

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



Here you see how a box with a 4 pixel `#C0374C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0374C; -webkit-box-shadow:4px 4px  
4px 4px #C0374C; box-shadow:4px 4px 4px  
4px #C0374C }
```

# Background

The CSS property to change the background color of an element to Hex C0374C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0374C }
```

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

```
.background{ background-color:#C0374C }
```

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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