

# Converting Colors

Hex(C0434C)

Have a look what the booklet for  
Hex(C0434C) contains.

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**Color**

**Hex(C0434C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0434C
RGB	192, 67, 76
RGB Percent	75%, 26%, 30%
CMY	0.2471, 0.7373, 0.7020
CMYK	0.00, 0.65, 0.60, 0.25
HSL	356°, 50%, 51%
HSV	356°, 65%, 75%
XYZ	25.0499, 15.7426, 8.5558
YIQ	105.4010, 71.6110, 29.2990

# Conversions

## Conversions Part 2

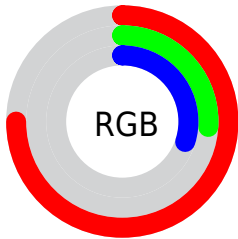
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 67, 76
Decimal	12600140
CIE Lab	46.63, 50.59, 22.33
CIE LCh	47, 55.302, 23.812
Yxy	15.7426, 0.5076, 0.3190
Android (android.graphics.Color)	4290790220 (0xFFC0434C)
YUV	105.4010, -14.4947, 75.9473
Hunter-Lab	39.6769, 43.2608, 14.9887

# Details

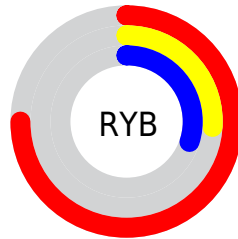
The Hex color **C0434C** is a dark color, and the websafe version is hex **993333**. The color can be described as dark muted red. A complement of this color would be **43C0B7**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FD797D**, and **840020** is the 20% darker color. If you saturate the color by 10%, you get **C0303A**, and if you desaturate by 10%, it is **C0565E**.

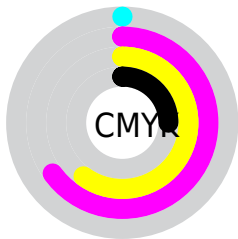
# Distribution



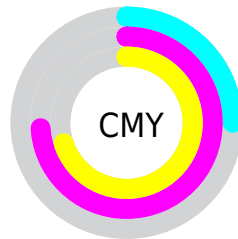
- Red (75%)
- Green (26%)
- Blue (30%)



- Red (75%)
- Yellow (26%)
- Blue (30%)



- Cyan (0%)
- Magenta (65%)
- Yellow (60%)
- Black (25%)



- Cyan (25%)
- Magenta (74%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0434C 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 C0434C by changing the saturation by 10% instead.



 C0434C

 C0434C

FFFFFF

 A22635

 FD797D

 840020

 FF9597

 67000A

 FFB1B1

 4A0000

 FFCDCD

 2F0002

 FFEAE9

 000000

 C0434C

 C0434C

 C0303A

 C0565E

 C01D28

 C06970

 C00917

 C07D81

 C0000E

 C09093

 C0A3A5

 C0B6B7

 C0C9C9

 C0DDDB

 C0F0EC

# Harmonies

## Analogous

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



BC407A



C0434C



AE5622

# Triad

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



C0434C



1B7F34



0077CB

# Complementary

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



C0434C



43C0B7

# 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.



0080B9



C0434C



008363

# Square

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



C0434C



617705



008493



5A66C4

# Rectangle

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



C0434C



996305



008493



007BC8



# Sweetspot

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



C0434C



FAC8CC



B643C0



7D5F61



FCFCFC



7D7D7D



# Same Dimension

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



C0434C



FA3745



C07743



615758



A1000C



210002



# Inverse Universe

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



C0434C



FA3745



438CC0



615758



A1000C



210002



# Previews

## White Background



This preview shows how the Hex color C0434C looks on a white background.

## Color Contrast Check

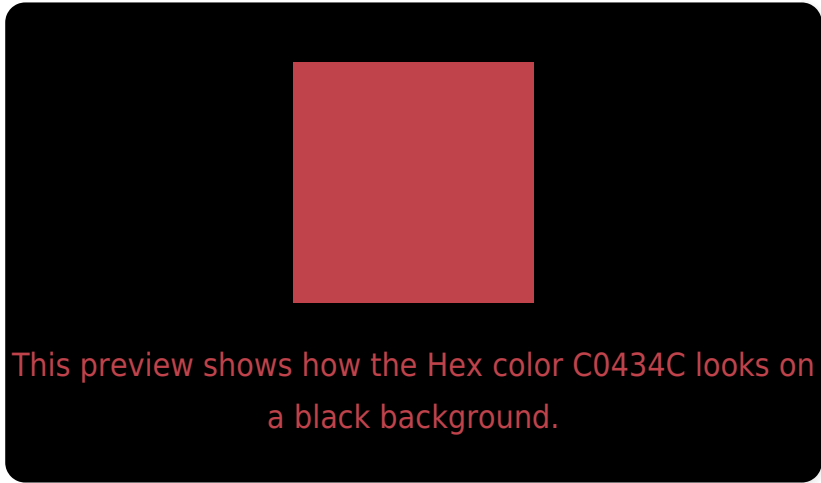
Large Text (above 18pt) WCAG AA ✓ Pass

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 C0434C Background



This preview shows how black text looks on a background with the Hex color C0434C.

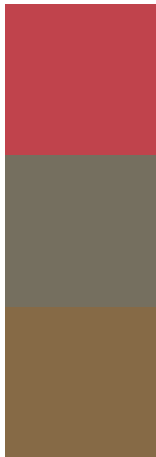


This preview shows how white text looks on a background with the Hex color C0434C.

# 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**  
C0434C

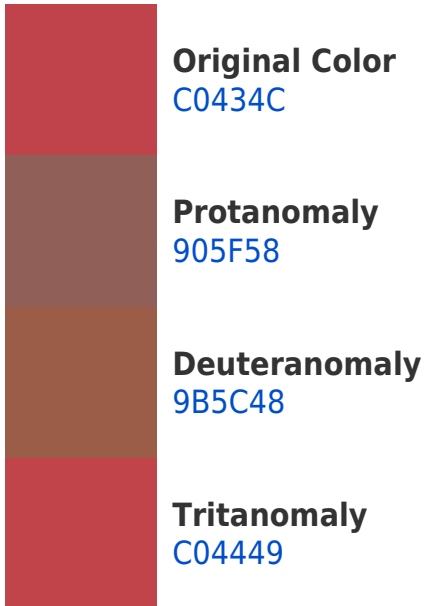
**Protanopia**  
756F5F

**Deuteranopia**  
866A46



**Tritanopia**  
C04448

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0434C 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 #C0434C looks like.

```
.text, #text, p{  
  color:#C0434C  
}
```

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 #C0434C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0434C }  
}
```

## Border

The CSS property to change the border of an element to Hex C0434C is called "border". The border property can be set on classes, ids or directly on the HTML element.

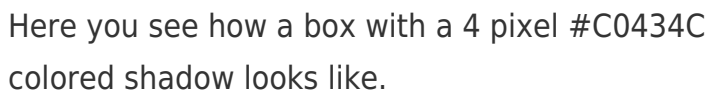
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #C0434C }  
}
```

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

```
.border{ border-color:#C0434C }
```

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



Here you see how a box with a 4 pixel `#C0434C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0434C; -webkit-box-shadow:4px 4px  
4px 4px #C0434C; box-shadow:4px 4px 4px  
4px #C0434C }
```

# Background

The CSS property to change the background color of an element to Hex C0434C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0434C }
```

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

```
.background{ background-color:#C0434C }
```

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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