

# Converting Colors

Hex(C34C44)

Have a look what the booklet for  
Hex(C34C44) contains.

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# Color

Hex(C34C44)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C34C44                     |
| RGB           | 195, 76, 68                |
| RGB Percent   | 76%, 30%, 27%              |
| CMY           | 0.2353, 0.7020, 0.7333     |
| CMYK          | 0.00, 0.61, 0.65, 0.24     |
| HSL           | 4°, 51%, 52%               |
| HSV           | 4°, 65%, 76%               |
| XYZ           | 26.1335, 17.1883, 7.4091   |
| YIQ           | 110.6690, 73.4920, 22.7400 |

# Conversions

## Conversions Part 2

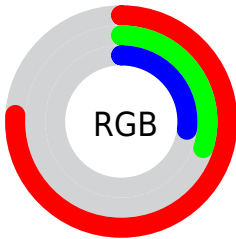
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 195, 77, 68                    |
| Decimal                             | 12799044                       |
| CIELab                              | 48.50, 47.13, 29.55            |
| CIElCh                              | 48, 55.625, 32.088             |
| Yxy                                 | 17.1883, 0.5151,<br>0.3388     |
| Android<br>(android.graphics.Color) | 4290989124<br>(0xFFC34C44)     |
| YUV                                 | 110.6690, -21.0358,<br>73.9583 |
| Hunter-Lab                          | 41.4588, 39.9643,<br>18.4254   |

# Details

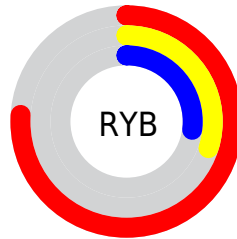
The Hex color **C34C44** is a dark color, and the websafe version is hex **993333**. The color can be described as dark muted red. A complement of this color would be **44BBC3**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF8174**, and **871218** is the 20% darker color. If you saturate the color by 10%, you get **C33A31**, and if you desaturate by 10%, it is **C35E58**.

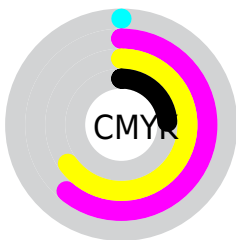
# Distribution



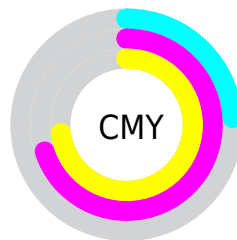
- Red (76%)
- Green (30%)
- Blue (27%)



- Red (76%)
- Yellow (30%)
- Blue (27%)



- Cyan (0%)
- Magenta (61%)
- Yellow (65%)
- Black (24%)



- Cyan (24%)
- Magenta (70%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C34C44 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 C34C44 by changing the saturation by 10% instead.



 C34C44

 C34C44

FFFFFF

 A5312E

 FF8174

 871218

 FF9D8E

 6A0000

 FFB9A9

 4D0000

 FFD5C4

 320002

 FFF2E0

 000000

FFFFFFD

 C34C44

 C34C44

 C33A31

 C35E58

 C3271D

 C3716B

 C3150A

 C3837F

 C30C00

 C39592

 C3A7A6

 C3BAB9

 C3CCCD

 C3DEE0

 C3F0F3

# Harmonies

## Analogous

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



C64372



C34C44



AC601B

# Triad

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



C34C44



008645



0078D2

# Complementary

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



C34C44



44BBC3

# 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.



0083C6



C34C44



008975

# Square

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



C34C44



577F18



0088A4



7765C3

# Rectangle

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



C34C44



946D01



0088A4



007CD1



# Sweetspot

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



C34C44



FCCDCA



C344BD



806361



000000



808080



# Same Dimension

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



C34C44



FC4438



C38A44



615857



A10A00



210200



# Inverse Universe

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



44BBC3



38F0FC



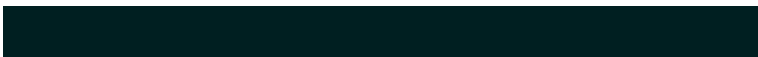
447DC3



576061



0097A1

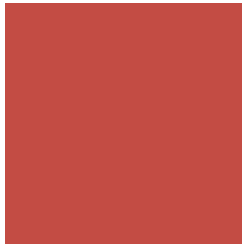


001F21



# Previews

## White Background



This preview shows how the Hex color C34C44 looks on a white background.

## Color Contrast Check

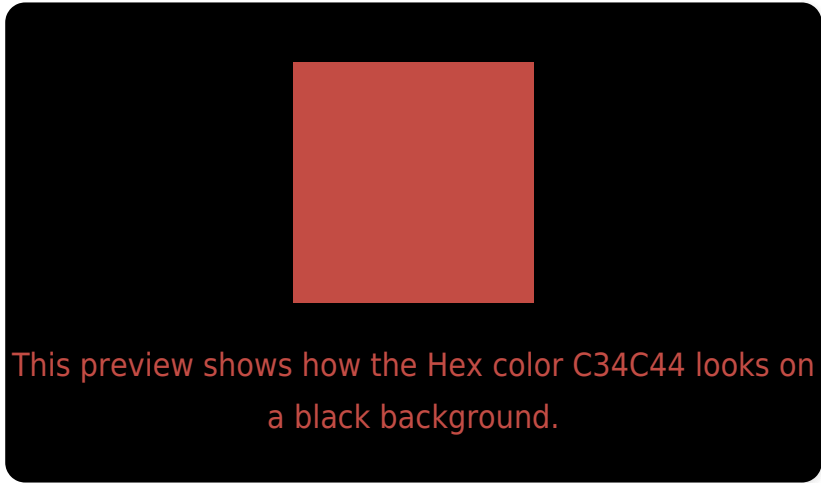
Large Text (above 18pt) WCAG AA ✓ Pass

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 C34C44 Background



This preview shows how black text looks on a background with the Hex color C34C44.



This preview shows how white text looks on a background with the Hex color C34C44.

# 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**  
C34C44

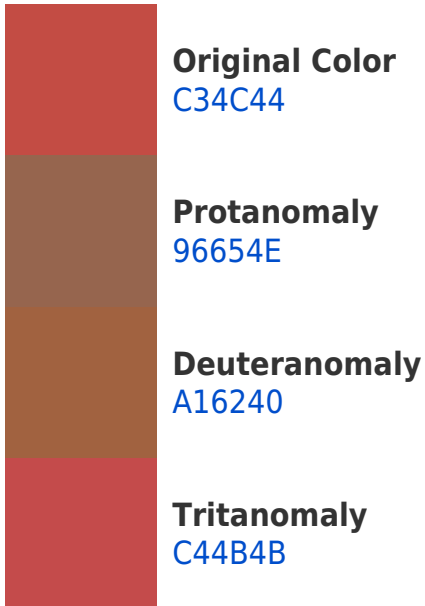
**Protanopia**  
7D7453

**Deuteranopia**  
8E6E3E

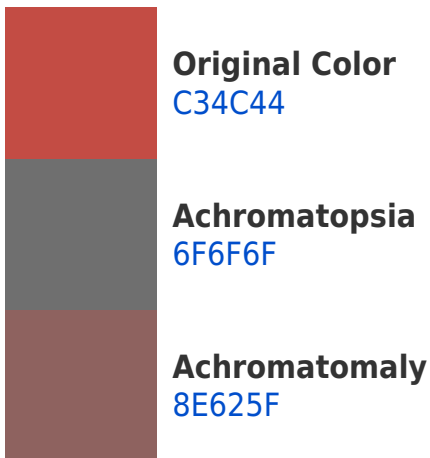


**Tritanopia**  
C44A4F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C34C44 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 #C34C44 looks like.

```
.text, #text, p{  
    color:#C34C44  
}
```

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 #C34C44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C34C44
}
```

## Border

The CSS property to change the border of an element to Hex C34C44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

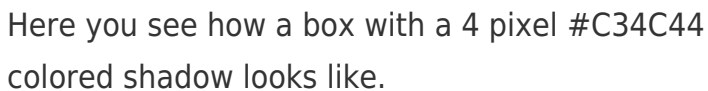
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C34C44 }
```

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

```
.border{ border-color:#C34C44 }
```

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



Here you see how a box with a 4 pixel `#C34C44` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C34C44; -webkit-box-shadow:4px 4px  
4px 4px #C34C44; box-shadow:4px 4px 4px  
4px #C34C44 }
```

# Background

The CSS property to change the background color of an element to Hex C34C44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C34C44 }
```

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

```
.background{ background-color:#C34C44 }
```

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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