

# Converting Colors

Hex(C33C5F)

Have a look what the booklet for  
Hex(C33C5F) contains.

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# Color

Hex(C33C5F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C33C5F
RGB	195, 60, 95
RGB Percent	76%, 24%, 37%
CMY	0.2353, 0.7647, 0.6275
CMYK	0.00, 0.69, 0.51, 0.24
HSL	344°, 53%, 50%
HSV	344°, 69%, 76%
XYZ	26.1871, 15.6600, 12.4690
YIQ	104.3550, 69.2250, 39.5050

# Conversions

## Conversions Part 2

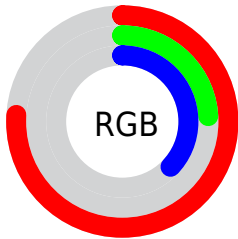
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 60, 95
Decimal	12794975
CIE Lab	46.53, 55.85, 10.68
CIE LCh	47, 56.858, 10.826
Yxy	15.6600, 0.4821, 0.2883
Android (android.graphics.Color)	4290985055 (0xFFC33C5F)
YUV	104.3550, -4.6120, 79.4957
Hunter-Lab	39.5728, 48.8692, 9.0193

# Details

The Hex color **C33C5F** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **3CC3A0**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF7491**, and **880031** is the 20% darker color. If you saturate the color by 10%, you get **C32951**, and if you desaturate by 10%, it is **C3506D**.

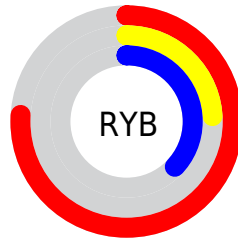
# Distribution



Red (76%)

Green (24%)

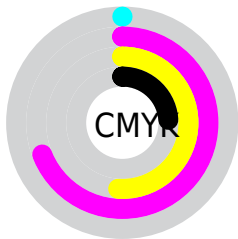
Blue (37%)



Red (76%)

Yellow (24%)

Blue (37%)

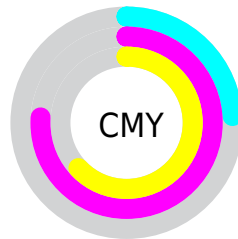


Cyan (0%)

Magenta (69%)

Yellow (51%)

Black (24%)



Cyan (24%)

Magenta (76%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C33C5F 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 C33C5F by changing the saturation by 10% instead.



 C33C5F

 C33C5F

FFFFFF

 A51C48

 FF7491

 880031

 FF90AC

 6A001D

 FFACC7

 4E0002

 FFC9E3

 330002

 FFE6FF

 000000

 C33C5F

 C33C5F

 C32951

 C3506D

 C31542

 C3637C

 C30234

 C3778A

 C30033

 C38A99

 C39EA7

 C3B1B6

 C3C5C4

 C3D8D3

 C3ECE1

# Harmonies

## Analogous

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



B4438F



C33C5F



B94B32

# Triad

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



C33C5F



3F7C1D



007CC8

# Complementary

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



C33C5F



3CC3A0

# 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.



0083AC



C33C5F



00824D

# Square

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



C33C5F



757200



00847F



0D6ECD

# Rectangle

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



C33C5F



A85A15



00847F



007FC1



# Sweetspot

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



C33C5F



FCC7D5



9F3CC3



806068



000000



808080



# Same Dimension

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



C33C5F



FC2B61



C35C3C



61575A



A1002A



210009



# Inverse Universe

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



C33C5F



FC2B61



3CA3C3



61575A



A1002A



210009



# Previews

## White Background



This preview shows how the Hex color C33C5F looks on a white background.

## Color Contrast Check

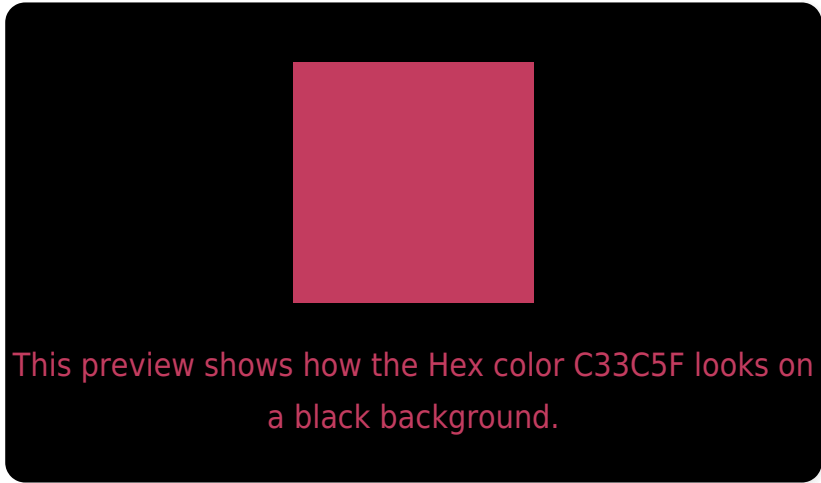
Large Text (above 18pt) WCAG AA ✓ Pass

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 C33C5F Background



This preview shows how black text looks on a background with the Hex color C33C5F.




This preview shows how white text looks on a background with the Hex color C33C5F.

# 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**  
C24145

# Trichromacy



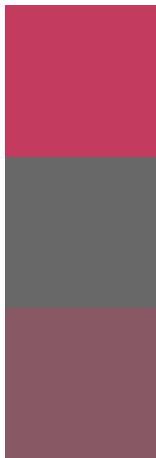
**Original Color**  
C33C5F

**Protanomaly**  
8D5C70

**Deuteranomaly**  
995A5B

**Tritanomaly**  
C23F4E

# Monochromacy



**Original Color**  
C33C5F

**Achromatopsia**  
686868

**Achromatomaly**  
895865

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C33C5F 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 #C33C5F looks like.

```
.text, #text, p{  
    color:#C33C5F  
}
```

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 #C33C5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C33C5F
}
```

## Border

The CSS property to change the border of an element to Hex C33C5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

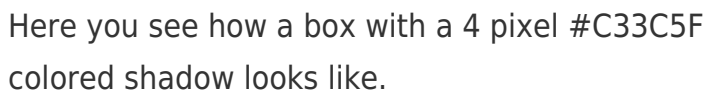
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C33C5F }
```

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

```
.border{ border-color:#C33C5F }
```

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



Here you see how a box with a 4 pixel `#C33C5F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C33C5F; -webkit-box-shadow:4px 4px  
4px 4px #C33C5F; box-shadow:4px 4px 4px  
4px #C33C5F }
```

# Background

The CSS property to change the background color of an element to Hex C33C5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C33C5F }
```

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

```
.background{ background-color:#C33C5F }
```

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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