

# Converting Colors

Hex(C63949)

Have a look what the booklet for  
Hex(C63949) contains.

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# Color

**Hex(C63949)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C63949
RGB	198, 57, 73
RGB Percent	78%, 22%, 29%
CMY	0.2235, 0.7765, 0.7137
CMYK	0.00, 0.71, 0.63, 0.22
HSL	353°, 55%, 50%
HSV	353°, 71%, 78%
XYZ	25.9544, 15.4131, 7.9104
YIQ	100.9830, 78.9000, 34.8680

# Conversions

## Conversions Part 2

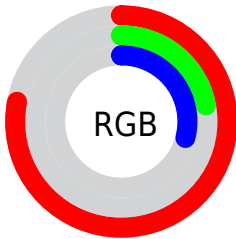
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 57, 73
Decimal	12990793
CIE Lab	46.19, 56.30, 23.78
CIE LCh	46, 61.120, 22.896
Yxy	15.4131, 0.5267, 0.3128
Android (android.graphics.Color)	4291180873 (0xFFC63949)
YUV	100.9830, -13.7956, 85.0839
Hunter-Lab	39.2595, 49.3022, 15.5353

# Details

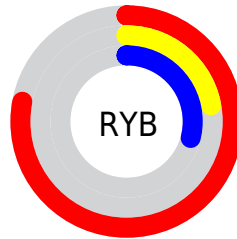
The Hex color **C63949** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **39C6B6**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF7179**, and **89001E** is the 20% darker color. If you saturate the color by 10%, you get **C62537**, and if you desaturate by 10%, it is **C64D5B**.

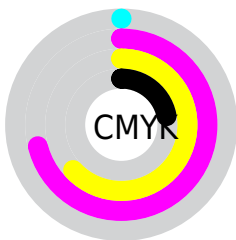
# Distribution



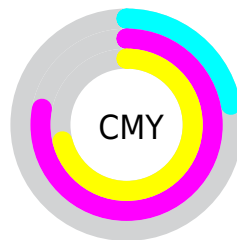
- Red (78%)
- Green (22%)
- Blue (29%)



- Red (78%)
- Yellow (22%)
- Blue (29%)



- Cyan (0%)
- Magenta (71%)
- Yellow (63%)
- Black (22%)



- Cyan (22%)
- Magenta (78%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C63949 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 C63949 by changing the saturation by 10% instead.



 C63949

 C63949

FFFFFF

 A71733

 FF7179

 89001E

 FF8D93

 6C0006

 FFA9AE

 4E0000

 FFC6C9

 320002

 FFE3E5

 000000

 C63949

 C63949

 C62537

 C64D5B

 C61126

 C6616C

 C60016

 C6747E

 C6888F

 C69CA1

 C6B0B2

 C6C4C4

 C6D7D5

 C6EBE7

# Harmonies

## Analogous

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



C1357C



C63949



B35118

# Triad

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



C63949



007F2A



0077D4

# Complementary

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



C63949



39C6B6

# 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.



0081BF



C63949



00845F

# Square

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



C63949



5F7600



008494



4F65CD

# Rectangle

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



C63949



9C6000



008494



007BD0



# Sweetspot

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



C63949



FFC9D0



B639C6



806063



000000



808080



# Same Dimension

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



C63949



FF263F



C66F39



635A5B



A30013



240004



# Inverse Universe

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



C63949



FF263F



3990C6



635A5B



A30013



240004



# Previews

## White Background



This preview shows how the Hex color C63949 looks on a white background.

## Color Contrast Check

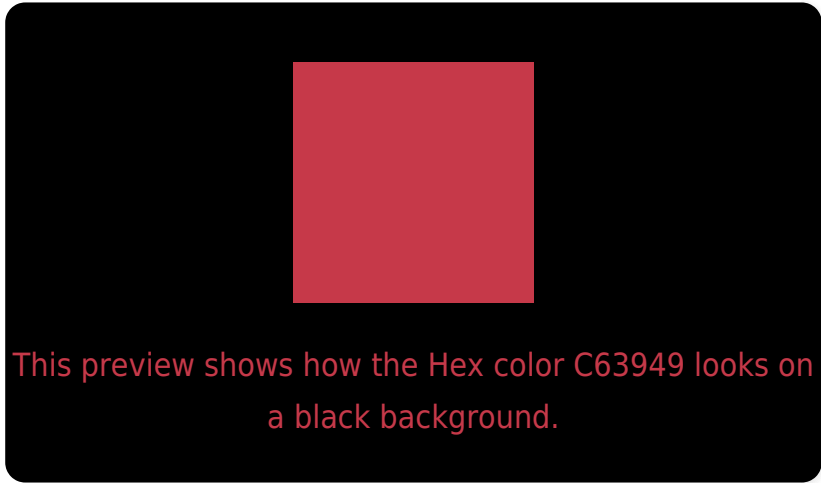
Large Text (above 18pt) WCAG AA ✓ Pass

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 C63949 Background



This preview shows how black text looks on a background with the Hex color C63949.



This preview shows how white text looks on a background with the Hex color C63949.

# 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



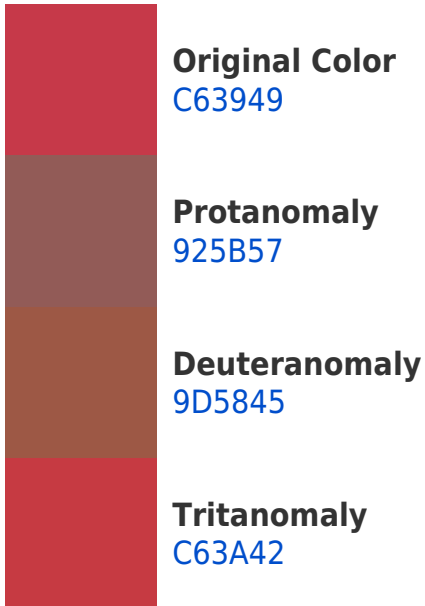
**Original Color**  
C63949

**Protanopia**  
746E5F

**Deuteranopia**  
866942



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C63949 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 #C63949 looks like.

```
.text, #text, p{  
    color:#C63949  
}
```

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 #C63949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C63949
}
```

## Border

The CSS property to change the border of an element to Hex C63949 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".

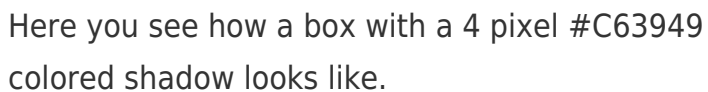
```
.border, #border, table{ border:4px solid
#C63949 }
```

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

```
.border{ border-color:#C63949 }
```

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

Here you see how a box with a 4 pixel #C63949 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C63949; -webkit-box-shadow:4px 4px  
4px 4px #C63949; box-shadow:4px 4px 4px  
4px #C63949 }
```

# Background

The CSS property to change the background color of an element to Hex C63949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C63949 }
```

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

```
.background{ background-color:#C63949 }
```

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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