

# Converting Colors

Hex(C3534E)

Have a look what the booklet for  
Hex(C3534E) contains.

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# Color

**Hex(C3534E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3534E
RGB	195, 83, 78
RGB Percent	76%, 33%, 31%
CMY	0.2353, 0.6745, 0.6941
CMYK	0.00, 0.57, 0.60, 0.24
HSL	3°, 49%, 54%
HSV	3°, 60%, 76%
XYZ	26.9741, 18.3387, 9.3258
YIQ	115.9180, 68.3570, 22.1890

# Conversions

## Conversions Part 2

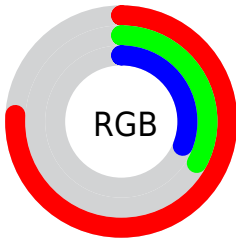
Format	Color
R <sub>Y</sub> B	195, 83, 78
Decimal	12800846
CIE Lab	49.90, 44.51, 25.47
CIE LCh	50, 51.280, 29.779
Yxy	18.3387, 0.4937, 0.3356
Android (android.graphics.Color)	4290990926 (0xFFC3534E)
YUV	115.9180, -18.6936, 69.3549
Hunter-Lab	42.8237, 37.4934, 17.0649

# Details

The Hex color **C3534E** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **4EBEC3**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF887F**, and **881D22** is the 20% darker color. If you saturate the color by 10%, you get **C3403B**, and if you desaturate by 10%, it is **C36662**.

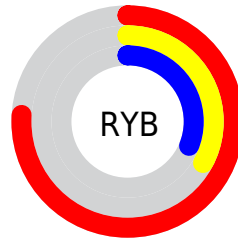
# Distribution



Red (76%)

Green (33%)

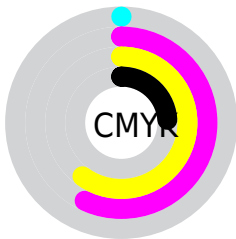
Blue (31%)



Red (76%)

Yellow (33%)

Blue (31%)

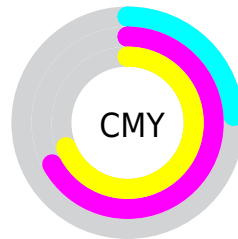


Cyan (0%)

Magenta (57%)

Yellow (60%)

Black (24%)



Cyan (24%)

Magenta (67%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3534E 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 C3534E by changing the saturation by 10% instead.



 C3534E

 C3534E

FFFFFF

 A53937

 FF887F

 881D22

 FFA399

 6B000C

 FFBFB4

 4E0000

 FFDCD0

 350002

 FFF9EC

 030000

 000000

 C3534E

 C3534E

 C3403B

 C36662

 C32E27

 C37875

 C31B13

 C38B88

 C30800

 C39E9C

 C3B0B0

 C3C3C3

 C3D6D7

 C3E8EA

 C3FBFE

# Harmonies

## Analogous

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



C34D79



C3534E



AF642A

# Triad

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



C3534E



1C8849



007CCE

# Complementary

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



C3534E



4EBEC3

# 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.



0086C2



C3534E



008B75

# Square

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



C3534E



628124



008BA1



766BC3

# Rectangle

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



C3534E



9A6F19



008BA1



0080CC

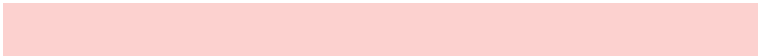


# Sweetspot

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



C3534E



FCD1CF



C34EBF



806563



000000



808080



# Same Dimension

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



C3534E



FC4E47



C38C4E



615857



A10700



210100



# Inverse Universe

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



4EBEC3



47F5FC



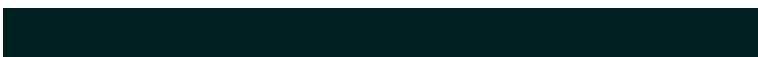
4E85C3



576061



009AA1



002021



# Previews

## White Background



This preview shows how the Hex color C3534E looks on a white background.

## Color Contrast Check

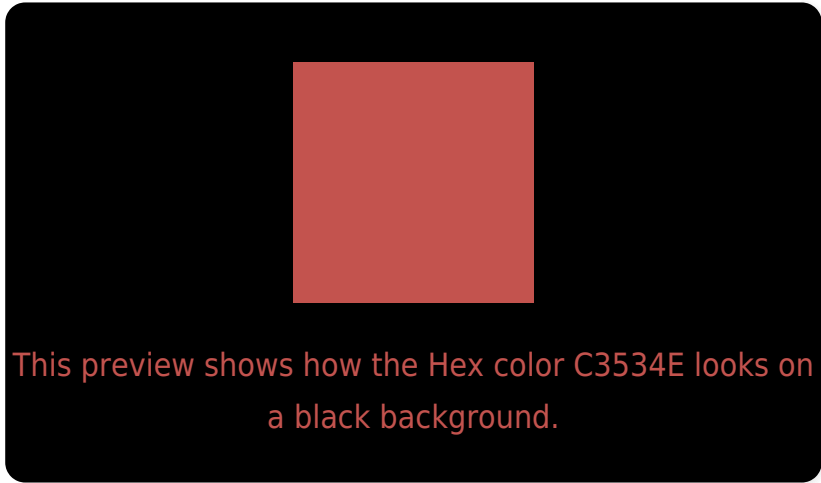
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C3534E Background



This preview shows how black text looks on a background with the Hex color C3534E.



This preview shows how white text looks on a background with the Hex color C3534E.

# Color Blindness Simulation

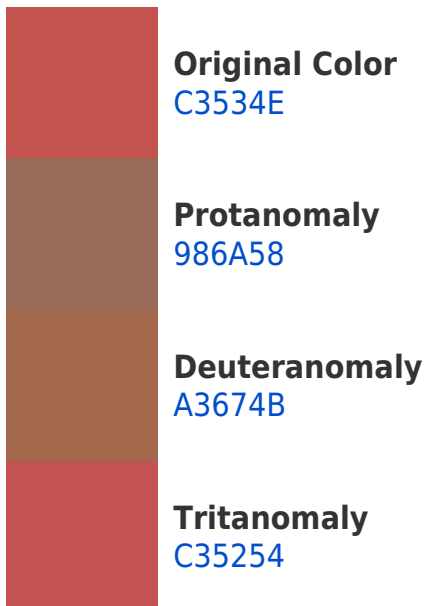
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

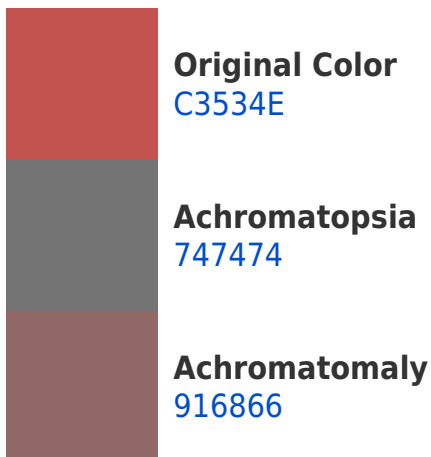




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3534E 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 #C3534E looks like.

```
.text, #text, p{  
    color:#C3534E  
}
```

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 #C3534E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3534E
}
```

## Border

The CSS property to change the border of an element to Hex C3534E is called "border". The border property can be set on classes, ids or directly on the HTML element.

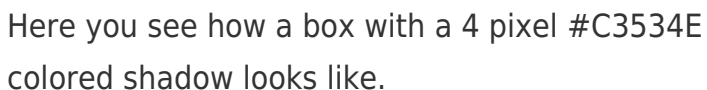
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C3534E }
```

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

```
.border{ border-color:#C3534E }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a solid red color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel `#C3534E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3534E; -webkit-box-shadow:4px 4px  
4px 4px #C3534E; box-shadow:4px 4px 4px  
4px #C3534E }
```

# Background

The CSS property to change the background color of an element to Hex C3534E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3534E }
```

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

```
.background{ background-color:#C3534E }
```

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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