

# Converting Colors

Hex(C3343A)

Have a look what the booklet for  
Hex(C3343A) contains.

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# Color

**Hex(C3343A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3343A
RGB	195, 52, 58
RGB Percent	76%, 20%, 23%
CMY	0.2353, 0.7961, 0.7725
CMYK	0.00, 0.73, 0.70, 0.24
HSL	357°, 58%, 48%
HSV	357°, 73%, 76%
XYZ	24.4974, 14.3636, 5.4843
YIQ	95.4410, 83.3020, 32.1820

# Conversions

## Conversions Part 2

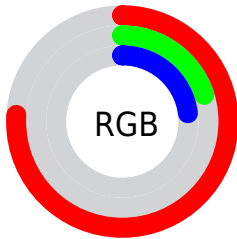
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	195, 52, 58
Decimal	12792890
CIE Lab	44.75, 56.34, 30.88
CIE LCh	45, 64.252, 28.725
Yxy	14.3636, 0.5524, 0.3239
Android (android.graphics.Color)	4290982970 (0xFFC3343A)
YUV	95.4410, -18.4584, 87.3132
Hunter-Lab	37.8993, 49.0552, 17.9499

# Details

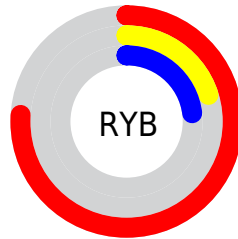
The Hex color **C3343A** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **34C3BD**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6D69**, and **860010** is the 20% darker color. If you saturate the color by 10%, you get **C32027**, and if you desaturate by 10%, it is **C3474D**.

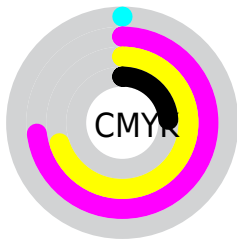
# Distribution



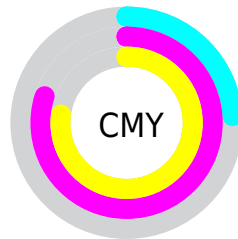
- Red (76%)
- Green (20%)
- Blue (23%)



- Red (76%)
- Yellow (20%)
- Blue (23%)



- Cyan (0%)
- Magenta (73%)
- Yellow (70%)
- Black (24%)



- Cyan (24%)
- Magenta (80%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3343A 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 C3343A by changing the saturation by 10% instead.



 C3343A

 C3343A

FFFFFF

 A40F24

 FF6D69

 860010

 FF8983

 680000

 FFA59D

 4A0001

 FFC1B8

 2D0002

 FFDED3

 000000

 FFFCF0

 C3343A

 C3343A

 C32027

 C3474D

 C30D15

 C35B5F

 C30008

 C36E72

 C38285

 C39597

 C3A9AA

 C3BCBD

 C3D0CF

 C3E3E2

# Harmonies

## Analogous

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



C4276F



C3343A



AB5000

# Triad

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



C3343A



007D2E



0071D6

# Complementary

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



C3343A



34C3BD

# 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.



007DC5



C3343A



008166

# Square

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



C3343A



4D7500



00819C



5F5CC9

# Rectangle

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



C3343A



916000



00819C



0076D4



# Sweetspot

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



C3343A



FCC5C7



BC34C3



805E60



000000



808080



# Same Dimension

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



C3343A



FC1E28



C37434



615758



A10007



210001



# Inverse Universe

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



C3343A



FC1E28



3483C3



615758



A10007



210001



# Previews

## White Background



This preview shows how the Hex color C3343A looks on a white background.

## Color Contrast Check

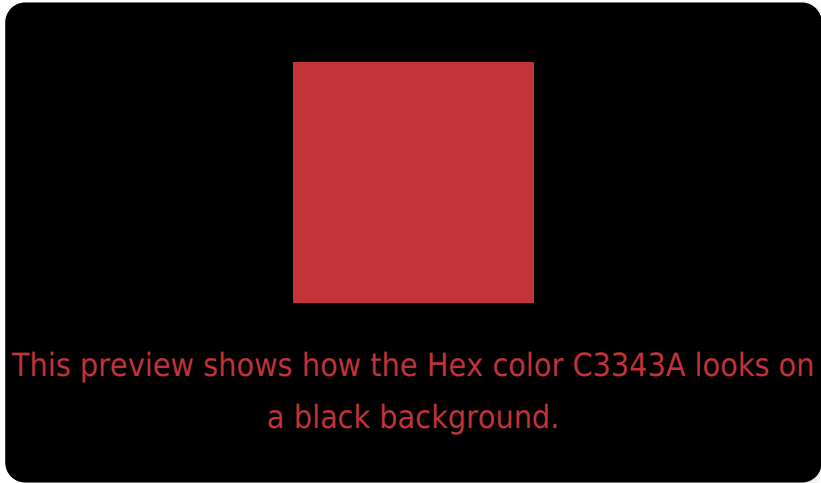
Large Text (above 18pt) WCAG AA ✓ Pass

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 C3343A Background



This preview shows how black text looks on a background with the Hex color C3343A.

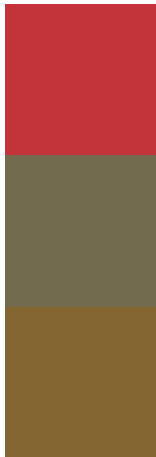


This preview shows how white text looks on a background with the Hex color C3343A.

# 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**  
C3343A

**Protanopia**  
736B4E

**Deuteranopia**  
846632



# Trichromacy



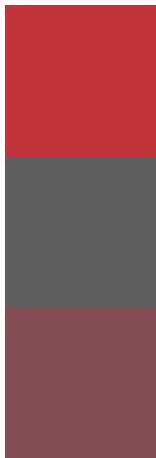
**Original Color**  
C3343A

**Protanomaly**  
905747

**Deuteranomaly**  
9B5435

**Tritanomaly**  
C33538

# Monochromacy



**Original Color**  
C3343A

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
834F52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3343A 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 #C3343A looks like.

```
.text, #text, p{  
    color:#C3343A  
}
```

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 #C3343A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3343A
}
```

## Border

The CSS property to change the border of an element to Hex C3343A 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".

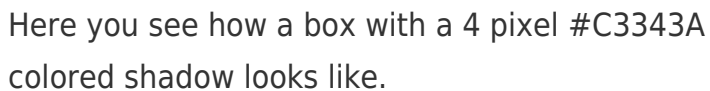
```
.border, #border, table{ border:4px solid
#C3343A }
```

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

```
.border{ border-color:#C3343A }
```

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

Here you see how a box with a 4 pixel #C3343A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3343A; -webkit-box-shadow:4px 4px  
4px 4px #C3343A; box-shadow:4px 4px 4px  
4px #C3343A }
```

# Background

The CSS property to change the background color of an element to Hex C3343A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3343A }
```

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

```
.background{ background-color:#C3343A }
```

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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