

# Converting Colors

Hex(C93342)

Have a look what the booklet for  
Hex(C93342) contains.

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# Color

**Hex(C93342)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C93342
RGB	201, 51, 66
RGB Percent	79%, 20%, 26%
CMY	0.2118, 0.8000, 0.7412
CMYK	0.00, 0.75, 0.67, 0.21
HSL	354°, 60%, 49%
HSV	354°, 75%, 79%
XYZ	26.2546, 15.1785, 6.7002
YIQ	97.5600, 84.5850, 36.4650

# Conversions

## Conversions Part 2

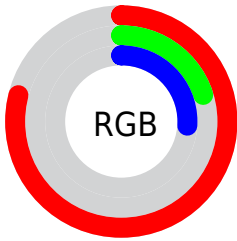
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 51, 66
Decimal	13185858
CIE <sub>Lab</sub>	45.88, 58.92, 27.73
CIE <sub>LCh</sub>	46, 65.114, 25.201
Yxy	15.1785, 0.5455, 0.3153
Android (android.graphics.Color)	4291375938 (0xFFC93342)
YUV	97.5600, -15.5591, 90.7169
Hunter-Lab	38.9596, 52.1105, 17.0751

# Details

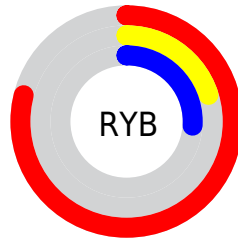
The Hex color **C93342** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **33C9BA**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF6D72**, and **8B0018** is the 20% darker color. If you saturate the color by 10%, you get **C91F30**, and if you desaturate by 10%, it is **C94754**.

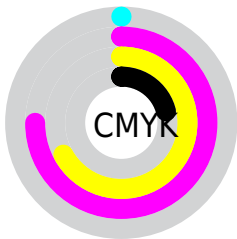
# Distribution



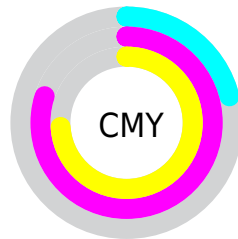
- Red (79%)
- Green (20%)
- Blue (26%)



- Red (79%)
- Yellow (20%)
- Blue (26%)



- Cyan (0%)
- Magenta (75%)
- Yellow (67%)
- Black (21%)



- Cyan (21%)
- Magenta (80%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C93342 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 C93342 by changing the saturation by 10% instead.



 C93342

 C93342

FFFFFF

 AA0A2C

 FF6D72

 8B0018

 FF898B

 6E0000

 FFA6A6

 4F0001

 FFC2C1

 330002

 FFDFDD

 000000

 FFFDF9

 C93342

 C93342

 C91F30

 C94754

 C90B1E

 C95B66

 C90014

 C96F78

 C9838A

 C9989C

 C9ACAF

 C9C0C1

 C9D4D3

 C9E8E5

# Harmonies

## Analogous

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



C72B78



C93342



B24F09

# Triad

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



C93342



008028



0076DA

# Complementary

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



C93342



33C9BA

# 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.



0081C6



C93342



008462

# Square

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



C93342



577700



00849A



5362D0

# Rectangle

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



C93342



9A6000



00849A



007BD7



# Sweetspot

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



C93342



FFC7CD



BA33C9



805E62



000000



808080



# Same Dimension

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



C93342



FF1930



C96F33



635A5A



A30010



240004



# Inverse Universe

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



C93342



FF1930



338DC9



635A5A



A30010



240004



# Previews

## White Background



This preview shows how the Hex color C93342 looks on a white background.

## Color Contrast Check

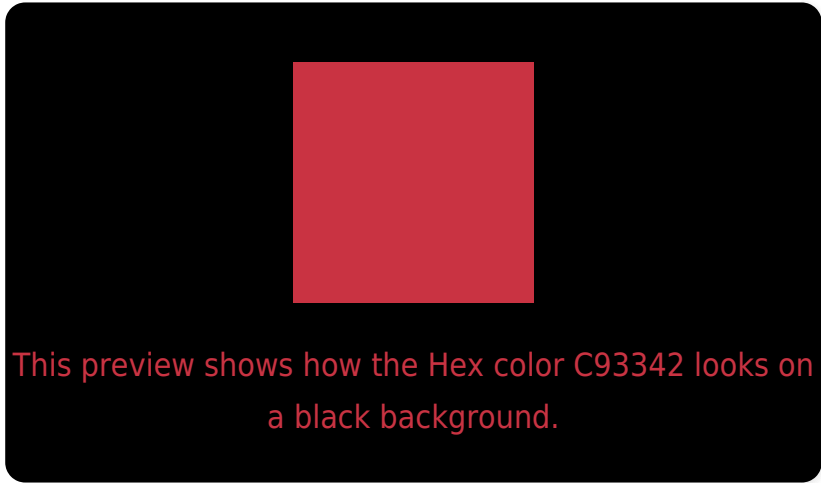
Large Text (above 18pt) WCAG AA ✓ Pass

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 C93342 Background



This preview shows how black text looks on a background with the Hex color C93342.

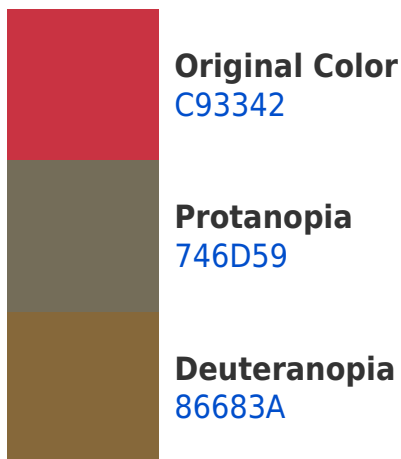


This preview shows how white text looks on a background with the Hex color C93342.

# 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



**Original Color**  
C93342

**Protanomaly**  
935851

**Deuteranomaly**  
9E553D

**Tritanomaly**  
C9343B

# Monochromacy



**Original Color**  
C93342

**Achromatopsia**  
626262

**Achromatomaly**  
875156

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C93342 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 #C93342 looks like.

```
.text, #text, p{  
    color:#C93342  
}
```

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 #C93342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C93342
}
```

## Border

The CSS property to change the border of an element to Hex C93342 is called "border". The border property can be set on classes, ids or directly on the HTML element.

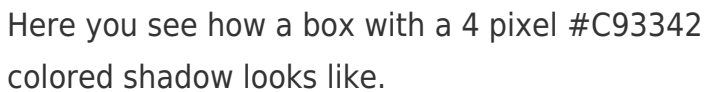
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C93342 }
```

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

```
.border{ border-color:#C93342 }
```

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



Here you see how a box with a 4 pixel `#C93342` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C93342; -webkit-box-shadow:4px 4px  
4px 4px #C93342; box-shadow:4px 4px 4px  
4px #C93342 }
```

# Background

The CSS property to change the background color of an element to Hex C93342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C93342 }
```

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

```
.background{ background-color:#C93342 }
```

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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