

Converting Colors

Hex(C94341)

Have a look what the booklet for
Hex(C94341) contains.

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Color

Hex(C94341)

Conversions

Conversions Part 1

Format	Color
Hex	C94341
RGB	201, 67, 65
RGB Percent	79%, 26%, 25%
CMY	0.2118, 0.7373, 0.7451
CMYK	0.00, 0.67, 0.68, 0.21
HSL	1°, 56%, 52%
HSV	1°, 68%, 79%
XYZ	27.0487, 16.8135, 6.8207
YIQ	106.8380, 80.5060, 27.7860

Conversions

Conversions Part 2

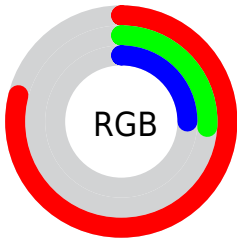
Format	Color
R _Y B	201, 67, 65
Decimal	13189953
CIE Lab	48.02, 52.92, 30.96
CIE LCh	48, 61.305, 30.328
Yxy	16.8135, 0.5337, 0.3317
Android (android.graphics.Color)	4291380033 (0xFFC94341)
YUV	106.8380, -20.6261, 82.5801
Hunter-Lab	41.0042, 45.9912, 18.8405

Details

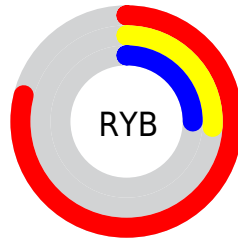
The Hex color **C94341** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **41C7C9**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF7A71**, and **8C0016** is the 20% darker color. If you saturate the color by 10%, you get **C92F2D**, and if you desaturate by 10%, it is **C95755**.

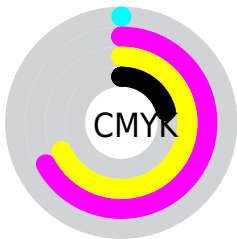
Distribution



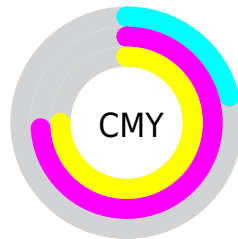
- Red (79%)
- Green (26%)
- Blue (25%)



- Red (79%)
- Yellow (26%)
- Blue (25%)



- Cyan (0%)
- Magenta (67%)
- Yellow (68%)
- Black (21%)



- Cyan (21%)
- Magenta (74%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color C94341 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 C94341 by changing the saturation by 10% instead.

 C94341

 C94341

FFFFFF

 AA252B

 FF7A71

 8C0016

 FF968B

 6E0000

 FFB2A5

 500000

 FFCEC0

 350002

 FFEBCD

 030000

 FFFFF9

 000000

 C94341

 C94341

 C92F2D

 C95755

 C91B19

 C96B69

 C90805

 C97E7D

 C90300

 C99291

 C9A6A6

 C9BABA

 C9CECE

 C9E1E2

 C9F5F6

Harmonies

Analogous

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



CB3974



C94341



B15B0F

Triad

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



C94341



00863B



0078DA

Complementary

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



C94341



41C7C9

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.



0084CC



C94341



008971

Square

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



C94341



557E00



0089A5



6F64CC

Rectangle

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



C94341



976A00



0089A5



007DD9

Sweetspot

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



C94341



FFCDCC



C941C9



806161



000000



808080

Same Dimension

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



C94341



FF3330



C98541



635A5A



A30200



240100

Inverse Universe

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



41C7C9



30FCFF



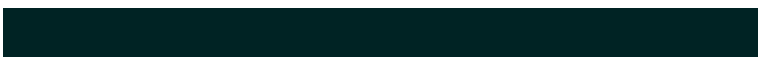
4185C9



5A6363



00A1A3



002324

Previews

White Background



This preview shows how the Hex color C94341 looks on a white background.

Color Contrast Check

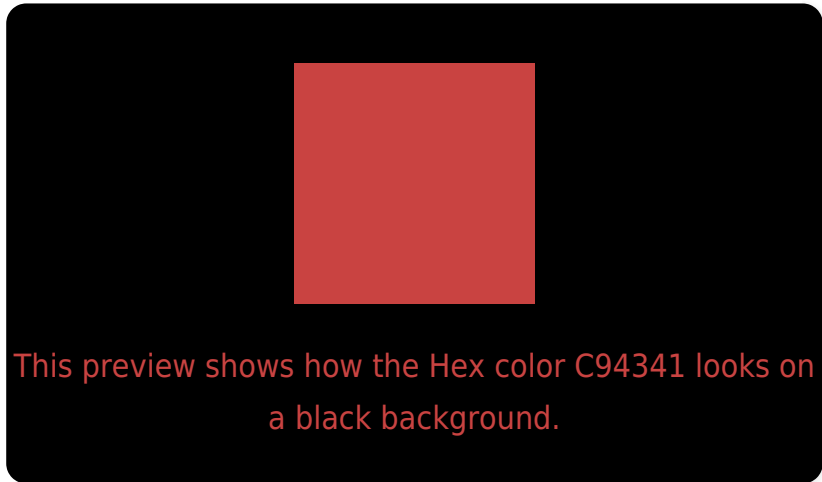
Large Text (above 18pt) WCAG AA ✓ Pass

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 C94341 Background



This preview shows how black text looks on a background with the Hex color C94341.

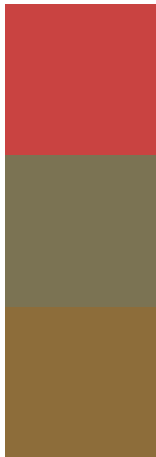


This preview shows how white text looks on a background with the Hex color C94341.

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
C94341

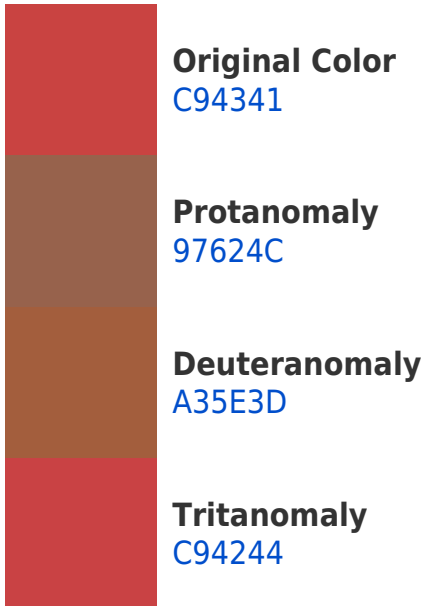
Protanopia
7B7353

Deuteranopia
8D6D3A



Tritanopia
C94246

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C94341 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 #C94341 looks like.

```
.text, #text, p{  
    color:#C94341  
}
```

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 #C94341 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C94341
}
```

Border

The CSS property to change the border of an element to Hex C94341 is called "border". The border property can be set on classes, ids or directly on the HTML element.

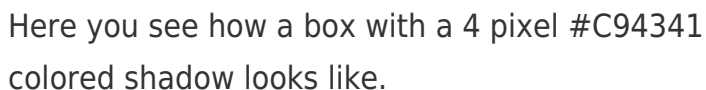
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C94341 }
```

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

```
.border{ border-color:#C94341 }
```

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



Here you see how a box with a 4 pixel `#C94341` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C94341; -webkit-box-shadow:4px 4px  
4px 4px #C94341; box-shadow:4px 4px 4px  
4px #C94341 }
```

Background

The CSS property to change the background color of an element to Hex C94341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C94341 }
```

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

```
.background{ background-color:#C94341 }
```

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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