

Converting Colors

Hex(C93A28)

Have a look what the booklet for
Hex(C93A28) contains.

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Color

Hex(C93A28)

Conversions

Conversions Part 1

Format	Color
Hex	C93A28
RGB	201, 58, 40
RGB Percent	79%, 23%, 16%
CMY	0.2118, 0.7725, 0.8431
CMYK	0.00, 0.71, 0.80, 0.21
HSL	7°, 67%, 47%
HSV	7°, 80%, 79%
XYZ	25.9835, 15.5968, 3.6485
YIQ	98.7050, 91.0060, 24.7180

Conversions

Conversions Part 2

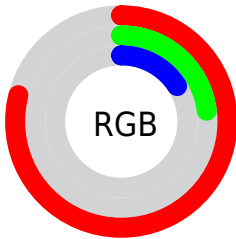
Format	Color
R_{YB}	201, 60, 40
Decimal	13187624
CIE _{Lab}	46.44, 55.36, 43.18
CIE _{LCh}	46, 70.211, 37.951
Yxy	15.5968, 0.5745, 0.3448
Android (android.graphics.Color)	4291377704 (0xFFC93A28)
YUV	98.7050, -28.9416, 89.7127
Hunter-Lab	39.4928, 48.3279, 22.1675

Details

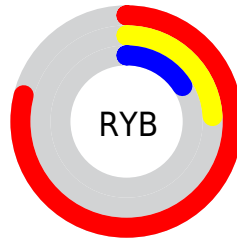
The Hex color **C93A28** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **28B7C9**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF7257**, and **8B0000** is the 20% darker color. If you saturate the color by 10%, you get **C92814**, and if you desaturate by 10%, it is **C94C3C**.

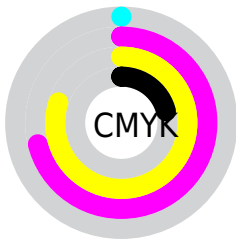
Distribution



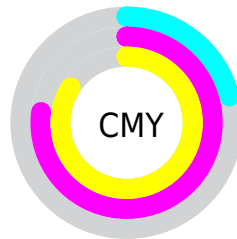
- Red (79%)
- Green (23%)
- Blue (16%)



- Red (79%)
- Yellow (24%)
- Blue (16%)



- Cyan (0%)
- Magenta (71%)
- Yellow (80%)
- Black (21%)



- Cyan (21%)
- Magenta (77%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color C93A28 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 C93A28 by changing the saturation by 10% instead.

 C93A28

 C93A28

FFFFFF

 AA1911

 FF7257

 8B0000

 FF8E70

 6C0000

 FFAA8A

 4E0000

 FFC6A4

 320002

 FFE3C0

 000000

 FFFFDC

 FFFFF8

 C93A28

 C93A28

 C92814

 C94C3C

 C91600

 C95E50

 C97064

 C98178

 C9938D

 C9A5A1

 C9B7B5

 C9C9C9

 C9DBDD

Harmonies

Analogous

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



D31C61



C93A28



A85A00

Triad

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



C93A28



00853F



0071E4

Complementary

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



C93A28



28B7C9

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.



0080DC



C93A28



00877D

Square

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



C93A28



347E00



0086B6



8056CC

Rectangle

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



C93A28



896A00



0086B6



0077E5

Sweetspot

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



C93A28



FFC9C2



C928B9



805F5B



000000



808080

Same Dimension

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



C93A28



FF260A



C98928



635B5A



A31200



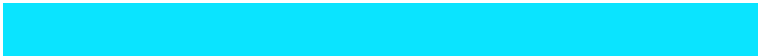
240400

Inverse Universe

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



28B7C9



0AE4FF



2868C9



5A6263



0091A3



002024

Previews

White Background



This preview shows how the Hex color C93A28 looks on a white background.

Color Contrast Check

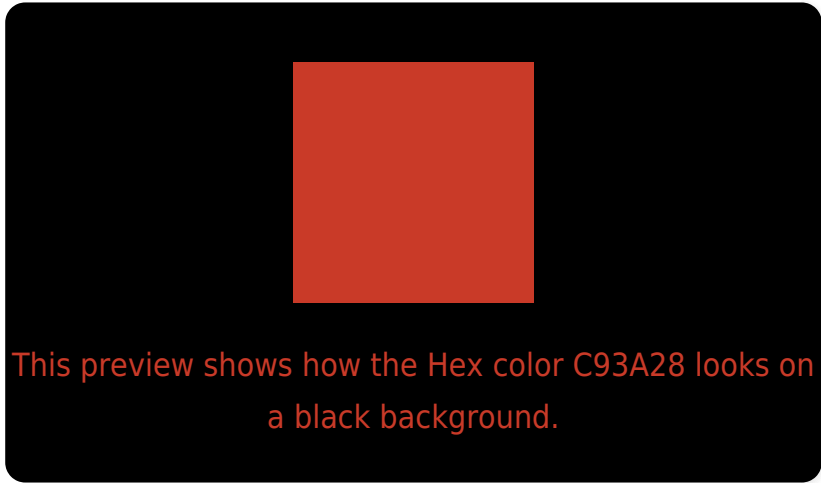
Large Text (above 18pt) WCAG AA ✓ Pass

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 C93A28 Background



This preview shows how black text looks on a background with the Hex color C93A28.



This preview shows how white text looks on a background with the Hex color C93A28.

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

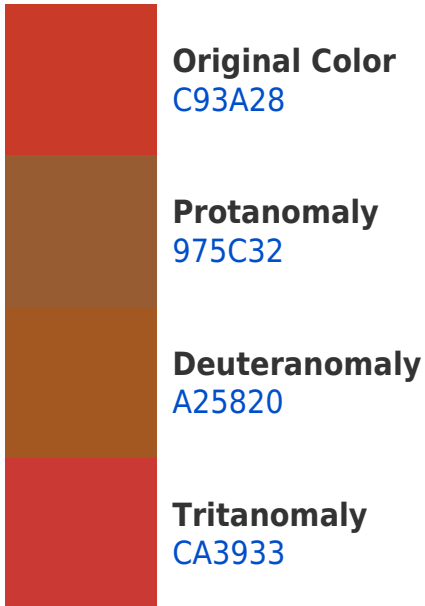


Original Color
C93A28

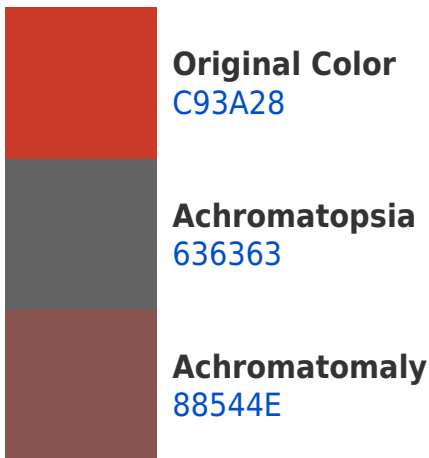
Protanopia
7B6F37

Deuteranopia
8B691B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C93A28 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 #C93A28 looks like.

```
.text, #text, p{  
    color:#C93A28  
}
```

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 #C93A28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C93A28
}
```

Border

The CSS property to change the border of an element to Hex C93A28 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".

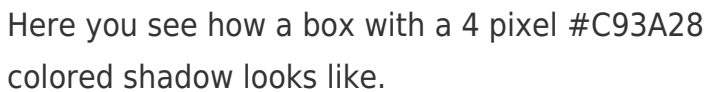
```
.border, #border, table{ border:4px solid
#C93A28 }
```

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

```
.border{ border-color:#C93A28 }
```

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

Here you see how a box with a 4 pixel #C93A28 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #C93A28 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C93A28; -webkit-box-shadow:4px 4px  
4px 4px #C93A28; box-shadow:4px 4px 4px  
4px #C93A28 }
```

Background

The CSS property to change the background color of an element to Hex C93A28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C93A28 }
```

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

```
.background{ background-color:#C93A28 }
```

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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