

Converting Colors

Hex(C93A12)

Have a look what the booklet for
Hex(C93A12) contains.

Hex(C93A12)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C93A12)

Conversions

Conversions Part 1

Format	Color
Hex	C93A12
RGB	201, 58, 18
RGB Percent	79%, 23%, 7%
CMY	0.2118, 0.7725, 0.9294
CMYK	0.00, 0.71, 0.91, 0.21
HSL	13°, 84%, 43%
HSV	13°, 91%, 79%
XYZ	25.7096, 15.4873, 2.2066
YIQ	96.1970, 98.0680, 17.8760

Conversions

Conversions Part 2

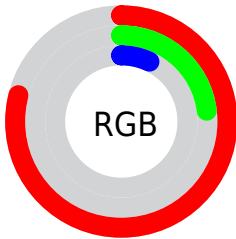
Format	Color
R_{YB}	201, 69, 18
Decimal	13187602
CIE _{Lab}	46.29, 54.85, 52.88
CIE _{LCh}	46, 76.188, 43.950
Yxy	15.4873, 0.5923, 0.3568
Android (android.graphics.Color)	4291377682 (0xFFC93A12)
YUV	96.1970, -38.5511, 91.9122
Hunter-Lab	39.3539, 47.7435, 24.2233

Details

The Hex color **C93A12** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **12A1C9**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF7244**, and **8A0000** is the 20% darker color. If you saturate the color by 10%, you get **C92C00**, and if you desaturate by 10%, it is **C94A26**.

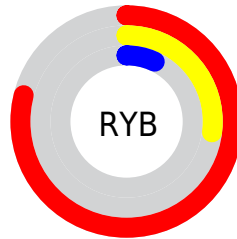
Distribution



Red (79%)

Green (23%)

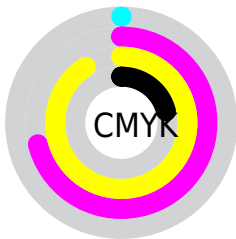
Blue (7%)



Red (79%)

Yellow (27%)

Blue (7%)

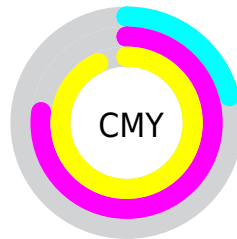


Cyan (0%)

Magenta (71%)

Yellow (91%)

Black (21%)



Cyan (21%)

Magenta (77%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color C93A12 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 C93A12 by changing the saturation by 10% instead.

 C93A12

 C93A12

FFFFFF

 A91900

 FF7244

 8A0000

 FF8D5D

 6B0000

 FFA976

 4D0000

 FFC691

 310002

 FFE3AC

 000000

 FFFFC8

 FFFFEE

 C93A12

 C93A12

 C92C00

 C94A26

 C9593A

 C9694E

 C97962

 C98976

 C9988B

 C9A89F

 C9B8B3

 C9C7C7

Harmonies

Analogous

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



DA0053



C93A12



A15E00

Triad

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



C93A12



008648



006CEC

Complementary

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



C93A12



12A1C9

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.



007FEA



C93A12



00888B

Square

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



C93A12



008000



0087C6



934BCB

Rectangle

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



C93A12



7E6E00



0087C6



0074EF

Sweetspot

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



C93A12



FFC9BA



C912A1



806057



000000



808080

Same Dimension

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



C93A12



FF3800



C99512



635C5A



A32400



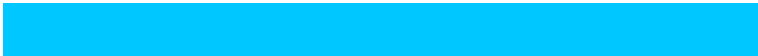
240800

Inverse Universe

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



12A1C9



00C7FF



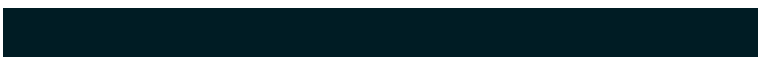
1246C9



5A6163



0080A3



001C24

Previews

White Background



This preview shows how the Hex color C93A12 looks on a white background.

Color Contrast Check

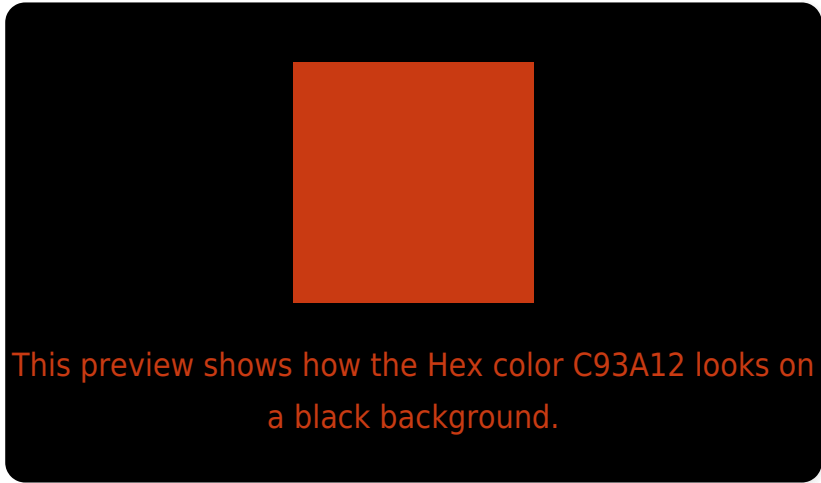
Large Text (above 18pt) WCAG AA ✓ Pass

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 C93A12 Background



This preview shows how black text looks on a background with the Hex color C93A12.



This preview shows how white text looks on a background with the Hex color C93A12.

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

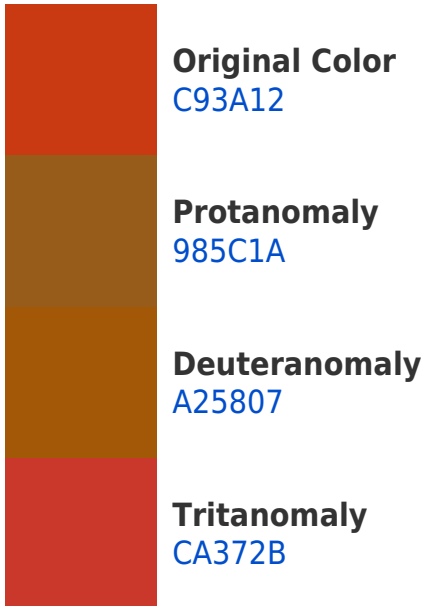


Original Color
C93A12

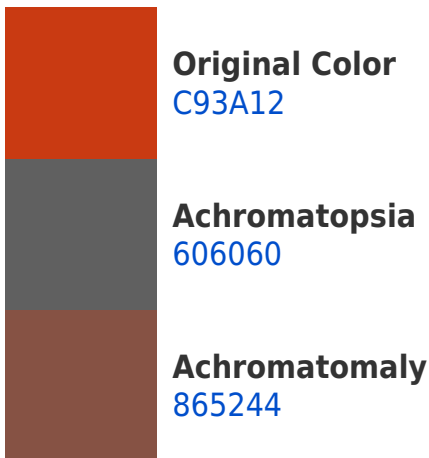
Protanopia
7C6F1F

Deuteranopia
8B6900

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C93A12 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 #C93A12 looks like.

```
.text, #text, p{  
    color:#C93A12  
}
```

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 #C93A12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C93A12
}
```

Border

The CSS property to change the border of an element to Hex C93A12 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
#C93A12 }
```

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

```
.border{ border-color:#C93A12 }
```

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

Here you see how a box with a 4 pixel #C93A12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C93A12; -webkit-box-shadow:4px 4px  
4px 4px #C93A12; box-shadow:4px 4px 4px  
4px #C93A12 }
```

Background

The CSS property to change the background color of an element to Hex C93A12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C93A12 }
```

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

```
.background{ background-color:#C93A12 }
```

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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