

Converting Colors

Hex(C93901)

Have a look what the booklet for
Hex(C93901) contains.

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Color

Hex(C93901)

Conversions

Conversions Part 1

Format	Color
Hex	C93901
RGB	201, 57, 1
RGB Percent	79%, 22%, 0%
CMY	0.2118, 0.7765, 0.9961
CMYK	0.00, 0.72, 1.00, 0.21
HSL	17°, 99%, 40%
HSV	17°, 100%, 79%
XYZ	25.5560, 15.3460, 1.6438
YIQ	93.6720, 103.8000, 13.1120

Conversions

Conversions Part 2

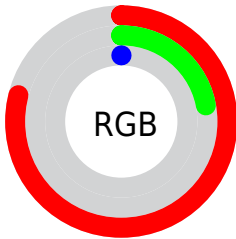
Format	Color
R_{YB}	201, 79, 1
Decimal	13187329
CIE Lab	46.10, 55.03, 57.65
CIE LCh	46, 79.692, 46.333
Yxy	15.3460, 0.6007, 0.3607
Android (android.graphics.Color)	4291377409 (0xFFC93901)
YUV	93.6720, -45.6873, 94.1267
Hunter-Lab	39.1739, 47.8942, 24.9338

Details

The Hex color **C93901** 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 **0191C9**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF713A**, and **8A0000** is the 20% darker color. If you saturate the color by 10%, you get **C93800**, and if you desaturate by 10%, it is **C94715**.

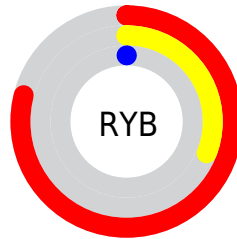
Distribution



Red (79%)

Green (22%)

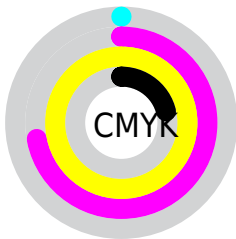
Blue (0%)



Red (79%)

Yellow (31%)

Blue (0%)

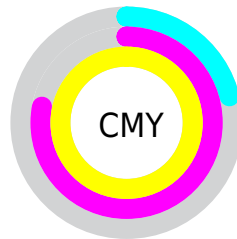


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C93901 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 C93901 by changing the saturation by 10% instead.

 C93901

 C93901

 FFFFF6

 A91800

 FF713A

 8A0000

 FF8D53

 6B0000

 FFA96C

 4D0000

 FFC587

 310002

 FFE2A2

 000000

 FFFFBD

 FFFF9D

 C93901

 C93901

■ C93800

■ C94715

■ C95629

■ C9643D

■ C97351

■ C98165

■ C9907A

■ C99E8E

■ C9ADA2

■ C9BBB6

Harmonies

Analogous

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



DE004D



C93901



9E5F00

Triad

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



C93901



00874B



006AF0

Complementary

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



C93901



0191C9

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.



007EF1



C93901



008991

Square

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



C93901



008100



0087CE



9A44CB

Rectangle

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



C93901



796F00



0087CE



0072F4

Sweetspot

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



C93901



FFC8B3



C90194



805E52



000000



808080

Same Dimension

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



C93901



FF4700



C99A01



635C5A



A32E00



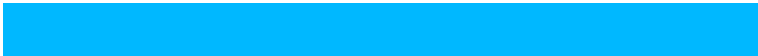
240A00

Inverse Universe

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



0191C9



00B8FF



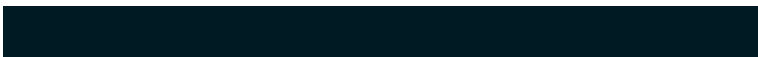
0130C9



5A6163



0076A3



001A24

Previews

White Background



This preview shows how the Hex color C93901 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 C93901 Background



This preview shows how black text looks on a background with the Hex color C93901.



This preview shows how white text looks on a background with the Hex color C93901.

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

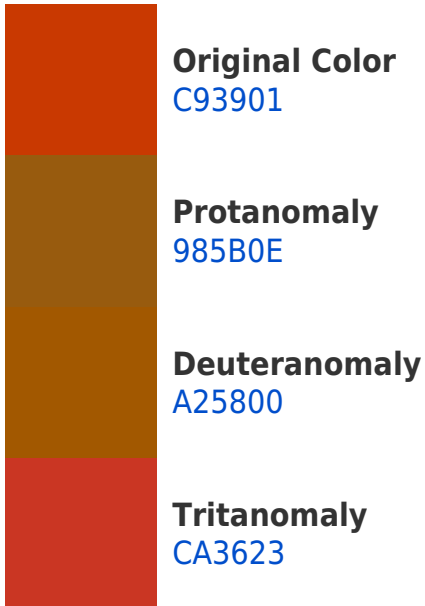


Original Color
C93901

Protanopia
7C6E16

Deuteranopia
8B6900

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C93901 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 #C93901 looks like.

```
.text, #text, p{  
    color:#C93901  
}
```

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 #C93901 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C93901
}
```

Border

The CSS property to change the border of an element to Hex C93901 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".

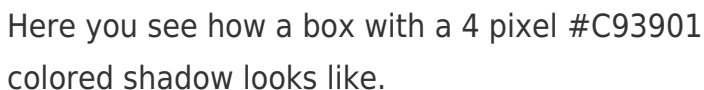
```
.border, #border, table{ border:4px solid
#C93901 }
```

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

```
.border{ border-color:#C93901 }
```

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

Here you see how a box with a 4 pixel #C93901 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C93901; -webkit-box-shadow:4px 4px  
4px 4px #C93901; box-shadow:4px 4px 4px  
4px #C93901 }
```

Background

The CSS property to change the background color of an element to Hex C93901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C93901 }
```

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

```
.background{ background-color:#C93901 }
```

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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