

Converting Colors

Hex(C53900)

Have a look what the booklet for
Hex(C53900) contains.

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Color

Hex(C53900)

Conversions

Conversions Part 1

Format	Color
Hex	C53900
RGB	197, 57, 0
RGB Percent	77%, 22%, 0%
CMY	0.2275, 0.7765, 1.0000
CMYK	0.00, 0.71, 1.00, 0.23
HSL	17°, 100%, 39%
HSV	17°, 100%, 77%
XYZ	24.4891, 14.7966, 1.5653
YIQ	92.3620, 101.7370, 11.9530

Conversions

Conversions Part 2

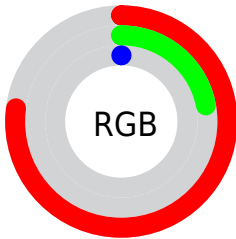
Format	Color
R_{YB}	197, 80, 0
Decimal	12925184
CIE Lab	45.35, 53.70, 57.15
CIE LCh	45, 78.425, 46.782
Yxy	14.7966, 0.5995, 0.3622
Android (android.graphics.Color)	4291115264 (0xFFC53900)
YUV	92.3620, -45.5345, 91.7675
Hunter-Lab	38.4663, 46.3237, 24.5137

Details

The Hex color **C53900** 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 **008CC5**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF7039**, and **860000** is the 20% darker color. If you saturate the color by 10%, you get **C53900**, and if you desaturate by 10%, it is **C54714**.

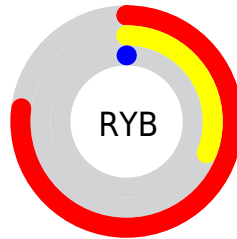
Distribution



Red (77%)

Green (22%)

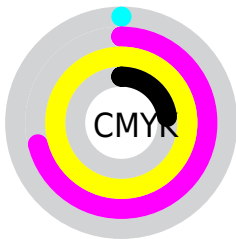
Blue (0%)



Red (77%)

Yellow (31%)

Blue (0%)

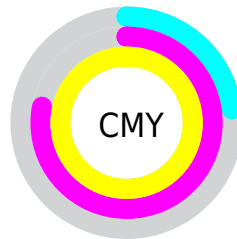


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C53900 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 C53900 by changing the saturation by 10% instead.

 C53900

 C53900

 FFFFFFF5

 A51900

 FF7039

 860000

 FF8C52

 670000

 FFA86B

 490000

 FFC486

 2D0002

 FFE1A0

 000000

 FFFFBC

 FFFFFD8

 C53900

 C54714

 C55527

 C5633B

 C5714F

 C57F63

 C58D76

 C59B8A

 C5A99E

 C5B7B1

Harmonies

Analogous

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



DA004A



C53900



9B5E00

Triad

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



C53900



00844B



0067EB

Complementary

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



C53900



008CC5

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.



007CED



C53900



008690

Square

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



C53900



007F00



0085CB



9943C6

Rectangle

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



C53900



766E00



0085CB



0070F0

Sweetspot

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



C53900



FFC9B3



C5008D



805F52



000000



808080

Same Dimension

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



C53900



FF4A00



C59A00



635C5A



A32F00



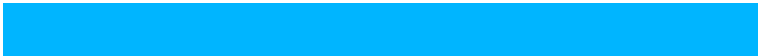
240A00

Inverse Universe

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



008CC5



00B5FF



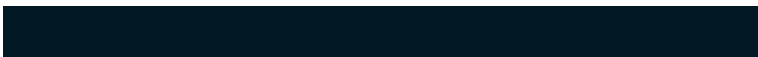
002BC5



5A6163



0074A3



001924

Previews

White Background



This preview shows how the Hex color C53900 looks on a white background.

Color Contrast Check

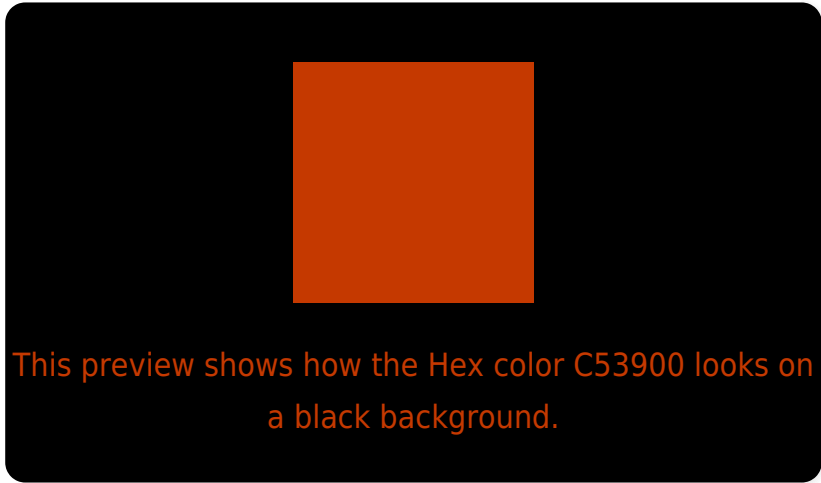
Large Text (above 18pt) WCAG AA ✓ Pass

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 C53900 Background



This preview shows how black text looks on a background with the Hex color C53900.



This preview shows how white text looks on a background with the Hex color C53900.

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

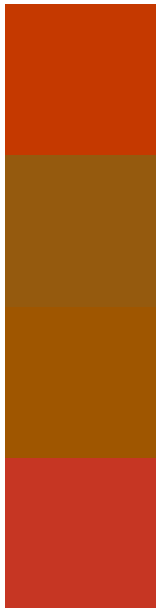


Original Color
C53900

Protanopia
7A6D16

Deuteranopia
896700

Trichromacy



Original Color
C53900

Protanomaly
955A0E

Deuteranomaly
9F5600

Tritanomaly
C63623

Monochromacy



Original Color
C53900

Achromatopsia
5C5C5C

Achromatomaly
824F3B

CSS Examples

Text

The CSS property to change the color of the text to Hex C53900 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 #C53900 looks like.

```
.text, #text, p{  
    color:#C53900  
}
```

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 #C53900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C53900
}
```

Border

The CSS property to change the border of an element to Hex C53900 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".

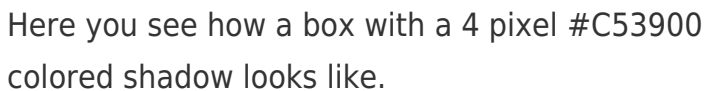
```
.border, #border, table{ border:4px solid
#C53900 }
```

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

```
.border{ border-color:#C53900 }
```

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

Here you see how a box with a 4 pixel #C53900 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C53900; -webkit-box-shadow:4px 4px  
4px 4px #C53900; box-shadow:4px 4px 4px  
4px #C53900 }
```

Background

The CSS property to change the background color of an element to Hex C53900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C53900 }
```

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

```
.background{ background-color:#C53900 }
```

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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