

# Converting Colors

Hex(C75900)

Have a look what the booklet for  
Hex(C75900) contains.

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**Color**

**Hex(C75900)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C75900
RGB	199, 89, 0
RGB Percent	78%, 35%, 0%
CMY	0.2196, 0.6510, 1.0000
CMYK	0.00, 0.55, 1.00, 0.22
HSL	27°, 100%, 39%
HSV	27°, 100%, 78%
XYZ	27.1256, 19.2869, 2.2931
YIQ	111.7440, 94.1290, -4.3590

# Conversions

## Conversions Part 2

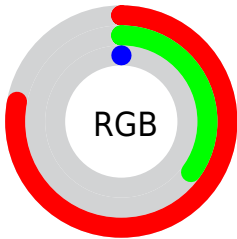
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 161, 0
Decimal	13064448
CIE Lab	51.02, 40.31, 60.32
CIE LCh	51, 72.551, 56.249
Yxy	19.2869, 0.5569, 0.3960
Android (android.graphics.Color)	4291254528 (0xFFC75900)
YUV	111.7440, -55.0898, 76.5235
Hunter-Lab	43.9168, 33.3975, 27.6460

# Details

The Hex color **C75900** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **006EC7**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF8D3E**, and **892600** is the 20% darker color. If you saturate the color by 10%, you get **C75900**, and if you desaturate by 10%, it is **C76414**.

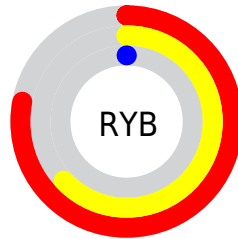
# Distribution



Red (78%)

Green (35%)

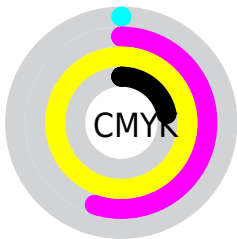
Blue (0%)



Red (78%)

Yellow (63%)

Blue (0%)

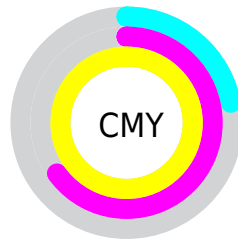


Cyan (0%)

Magenta (55%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (65%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C75900 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 C75900 by changing the saturation by 10% instead.



 C75900

 C75900

FFFFFFE

 A84000

 FF8D3E

 892600

 FFA958

 6B0700

 FFC472

 4E0000

 FFE18D

 340001

 FFFEA8

 040000

 FFFFC4

 000000

 FFFFE1

 C75900

 C76414

 C76F28

 C77A3C

 C78550

 C79064

 C79B77

 C7A68B

 C7B19F

 C7BCB3

# Harmonies

## Analogous

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



E23747



C75900



9A7400

# Triad

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



C75900



009470



616DEA

# Complementary

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



C75900



006EC7

# 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.



0084F6



C75900



0094AF

# Square

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



C75900



008F2E



0090E1



BB4BBF

# Rectangle

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



C75900



748100



0090E1



0276F2



# Sweetspot

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



C75900



FFD5B3



C70071



806652



000000



808080



# Same Dimension

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



C75900



FF7200



C7BA00



635E5A



A34900



241000



# Inverse Universe

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



006EC7



008DFF



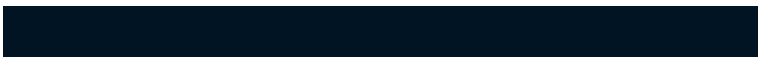
000DC7



5A5F63



005AA3



001424



# Previews

## White Background



This preview shows how the Hex color C75900 looks on a white 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

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C75900 Background



This preview shows how black text looks on a background with the Hex color C75900.



This preview shows how white text looks on a background with the Hex color C75900.

# 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**  
C75900

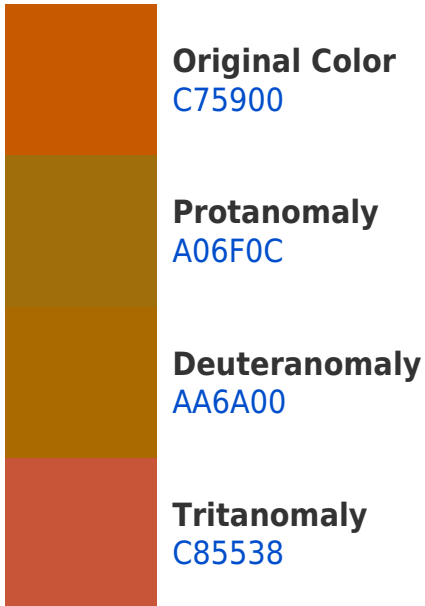
**Protanopia**  
8A7B13

**Deuteranopia**  
9A7400



**Tritanopia**  
C95358

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C75900 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 #C75900 looks like.

```
.text, #text, p{  
    color:#C75900  
}
```

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 #C75900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C75900
}
```

## Border

The CSS property to change the border of an element to Hex C75900 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
#C75900 }
```

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

```
.border{ border-color:#C75900 }
```

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

Here you see how a box with a 4 pixel #C75900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C75900; -webkit-box-shadow:4px 4px  
4px 4px #C75900; box-shadow:4px 4px 4px  
4px #C75900 }
```

# Background

The CSS property to change the background color of an element to Hex C75900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C75900 }
```

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

```
.background{ background-color:#C75900 }
```

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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