

# Converting Colors

Hex(CC2900)

Have a look what the booklet for  
Hex(CC2900) contains.

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**Color**

**Hex(CC2900)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC2900
RGB	204, 41, 0
RGB Percent	80%, 16%, 0%
CMY	0.2000, 0.8392, 1.0000
CMYK	0.00, 0.80, 1.00, 0.20
HSL	12°, 100%, 40%
HSV	12°, 100%, 80%
XYZ	25.6948, 14.4232, 1.4297
YIQ	85.0630, 110.3090, 21.8050

# Conversions

## Conversions Part 2

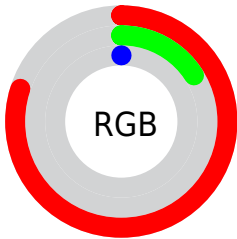
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	204, 51, 0
Decimal	13379840
CIELab	44.83, 61.08, 57.70
CIElCh	45, 84.029, 43.369
Yxy	14.4232, 0.6184, 0.3471
Android (android.graphics.Color)	4291569920 (0xFFCC2900)
YUV	85.0630, -41.9361, 104.3077
Hunter-Lab	37.9779, 54.3065, 24.3526

# Details

The Hex color **CC2900** 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 **00A3CC**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF6637**, and **8C0000** is the 20% darker color. If you saturate the color by 10%, you get **CC2900**, and if you desaturate by 10%, it is **CC3914**.

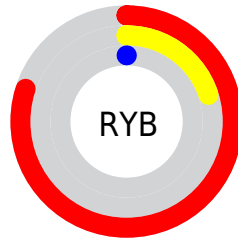
# Distribution



Red (80%)

Green (16%)

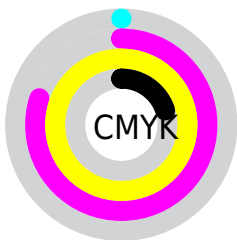
Blue (0%)



Red (80%)

Yellow (20%)

Blue (0%)

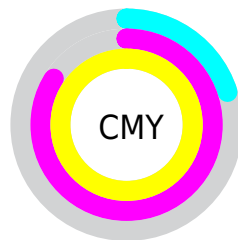


Cyan (0%)

Magenta (80%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (84%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC2900 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 CC2900 by changing the saturation by 10% instead.



 CC2900

 CC2900

 FFFFF3

 AC0000

 FF6637

 8C0000

 FF8250

 6C0000

 FF9E6A

 4E0001

 FFBB84

 310002

 FFD89F

 000000

 FFF6BA

 FFFF66

 CC2900

 CC3914

 CC4A29

 CC5A3D

 CC6A52

 CC7B66

 CC8B7A

 CC9B8F

 CCABA3

 CCBCB8

# Harmonies

## Analogous

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



DF004F



CC2900



A15800

# Triad

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



CC2900



00843F



0069F5

# Complementary

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



CC2900



00A3CC

# 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.



007EF3



CC2900



008689

# Square

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



CC2900



007E00



0085CA



8F42D2

# Rectangle

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



CC2900



7B6A00



0085CA



0072F9



# Sweetspot

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



CC2900



FFC2B3



CC00A3



805B52



000000



808080



# Same Dimension

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



CC2900



FF3300



CC8F00



665E5C



A62100



260800



# Inverse Universe

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



00A3CC



00CCFF



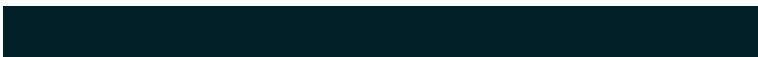
003DCC



5C6466



0084A6



001F26



# Previews

## White Background



This preview shows how the Hex color CC2900 looks on a white background.

## Color Contrast Check

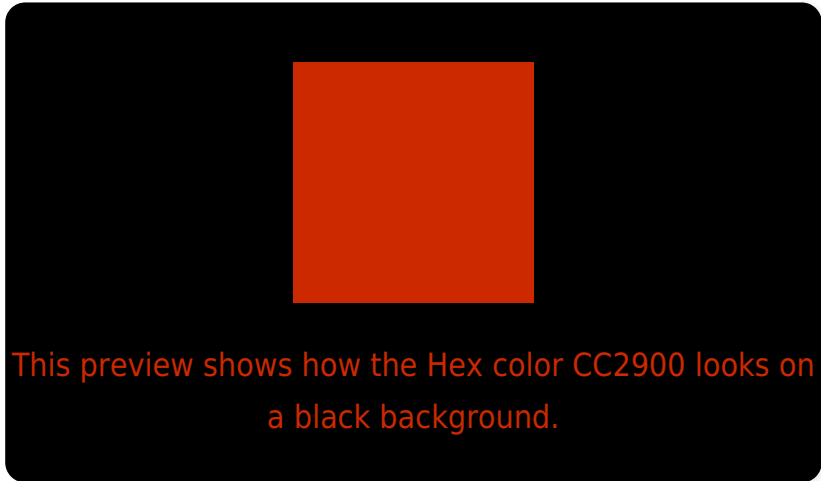
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC2900 Background



This preview shows how black text looks on a background with the Hex color CC2900.



This preview shows how white text looks on a background with the Hex color CC2900.

# 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



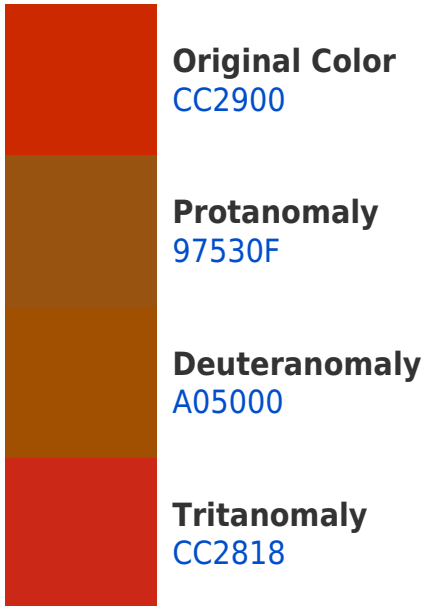
**Original Color**  
CC2900

**Protanopia**  
786B18

**Deuteranopia**  
876600



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC2900 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 #CC2900 looks like.

```
.text, #text, p{  
    color:#CC2900  
}
```

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 #CC2900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC2900
}
```

## Border

The CSS property to change the border of an element to Hex CC2900 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
#CC2900 }
```

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

```
.border{ border-color:#CC2900 }
```

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

Here you see how a box with a 4 pixel #CC2900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC2900; -webkit-box-shadow:4px 4px  
4px 4px #CC2900; box-shadow:4px 4px 4px  
4px #CC2900 }
```

# Background

The CSS property to change the background color of an element to Hex CC2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC2900 }
```

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

```
.background{ background-color:#CC2900 }
```

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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