

# Converting Colors

Hex(D93300)

Have a look what the booklet for  
Hex(D93300) contains.

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**Color**

**Hex(D93300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D93300
RGB	217, 51, 0
RGB Percent	85%, 20%, 0%
CMY	0.1490, 0.8000, 1.0000
CMYK	0.00, 0.76, 1.00, 0.15
HSL	14°, 100%, 43%
HSV	14°, 100%, 85%
XYZ	29.7991, 17.1194, 1.7338
YIQ	94.8200, 115.3070, 19.3310

# Conversions

## Conversions Part 2

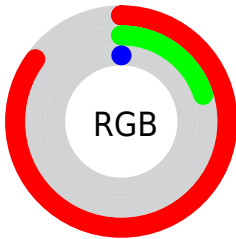
Format	Color
<a href="#">RYB</a>	217, 67, 0
Decimal	14234368
CIELab	48.41, 62.04, 60.74
CIElCh	48, 86.821, 44.391
Yxy	17.1194, 0.6125, 0.3519
Android (android.graphics.Color)	4292424448 (0xFFD93300)
YUV	94.8200, -46.7463, 107.1519
Hunter-Lab	41.3756, 56.1503, 26.4784

# Details

The Hex color **D93300** 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 **00A6D9**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6E3A**, and **980000** is the 20% darker color. If you saturate the color by 10%, you get **D93300**, and if you desaturate by 10%, it is **D94416**.

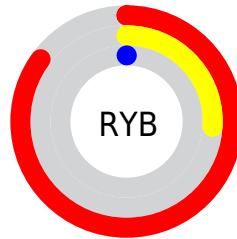
# Distribution



Red (85%)

Green (20%)

Blue (0%)



Red (85%)

Yellow (26%)

Blue (0%)

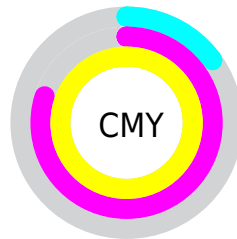


Cyan (0%)

Magenta (76%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (80%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D93300 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 D93300 by changing the saturation by 10% instead.



 D93300

 D93300

 FFFFFFF7

 B80500

 FF6E3A

 980000

 FF8B53

 780000

 FFA76D

 590000

 FFC487

 3D0003

 FFE2A2

 190001

 FFFFBE

 000000

 FFFFDA

 D93300

 D94416

 D9542B

 D96541

 D97557

 D9866D

 D99782

 D9A798

 D9B8AE

 D9C8C3

# Harmonies

## Analogous

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



EE0054



D93300



AB6100

# Triad

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



D93300



008E48



0071FF

# Complementary

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



D93300



00A6D9

# 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.



0087FF



D93300



009096

# Square

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



D93300



008800



008FDA



9D48DE

# Rectangle

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



D93300



837400



008FDA



007AFF



# Sweetspot

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



D93300



FFC4B3



D900A6



805C52



000000



808080



# Same Dimension

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



D93300



FF3C00



D99F00



6E6563



AD2900



2E0B00

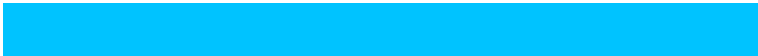


# Inverse Universe

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



00A6D9



00C3FF



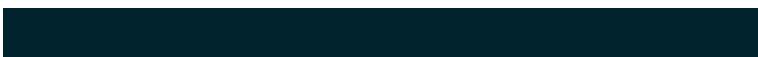
003AD9



636B6E



0085AD



00232E



# Previews

## White Background



This preview shows how the Hex color D93300 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 D93300 Background



This preview shows how black text looks on a background with the Hex color D93300.



This preview shows how white text looks on a background with the Hex color D93300.

# 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



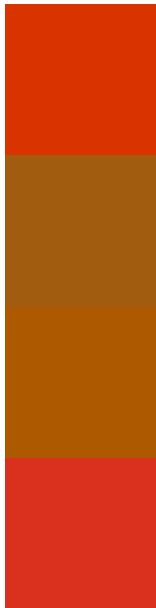
**Original Color**  
D93300

**Protanopia**  
827419

**Deuteranopia**  
926E00



# Trichromacy



**Original Color**  
D93300

**Protanomaly**  
A25C10

**Deuteranomaly**  
AC5900

**Tritanomaly**  
DA311F

# Monochromacy



**Original Color**  
D93300

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
8B4F3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D93300 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 #D93300 looks like.

```
.text, #text, p{  
    color:#D93300  
}
```

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 #D93300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D93300
}
```

## Border

The CSS property to change the border of an element to Hex D93300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

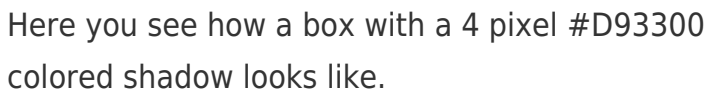
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D93300 }
```

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

```
.border{ border-color:#D93300 }
```

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



Here you see how a box with a 4 pixel #D93300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D93300; -webkit-box-shadow:4px 4px  
4px 4px #D93300; box-shadow:4px 4px 4px  
4px #D93300 }
```

# Background

The CSS property to change the background color of an element to Hex D93300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D93300 }
```

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

```
.background{ background-color:#D93300 }
```

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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