

Converting Colors

Hex(D93311)

Have a look what the booklet for
Hex(D93311) contains.

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Color

Hex(D93311)

Conversions

Conversions Part 1

Format	Color
Hex	D93311
RGB	217, 51, 17
RGB Percent	85%, 20%, 7%
CMY	0.1490, 0.8000, 0.9333
CMYK	0.00, 0.76, 0.92, 0.15
HSL	10°, 85%, 46%
HSV	10°, 92%, 85%
XYZ	29.9003, 17.1598, 2.2666
YIQ	96.7580, 109.8500, 24.6180

Conversions

Conversions Part 2

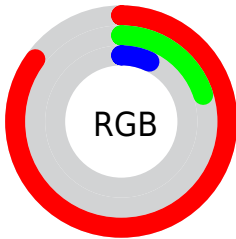
Format	Color
R_{YB}	217, 58, 17
Decimal	14234385
CIE _{Lab}	48.46, 62.21, 56.12
CIE _{LCh}	48, 83.781, 42.056
Yxy	17.1598, 0.6062, 0.3479
Android (android.graphics.Color)	4292424465 (0xFFD93311)
YUV	96.7580, -39.3207, 105.4522
Hunter-Lab	41.4244, 56.3491, 25.7530

Details

The Hex color **D93311** 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 **11B7D9**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF6F44**, and **990000** is the 20% darker color. If you saturate the color by 10%, you get **D92500**, and if you desaturate by 10%, it is **D94527**.

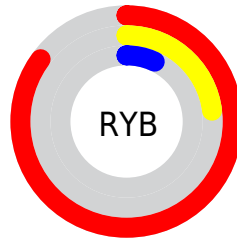
Distribution



Red (85%)

Green (20%)

Blue (7%)



Red (85%)

Yellow (23%)

Blue (7%)

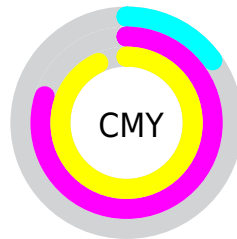


Cyan (0%)

Magenta (76%)

Yellow (92%)

Black (15%)



Cyan (15%)

Magenta (80%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color D93311 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 D93311 by changing the saturation by 10% instead.

 D93311

 D93311

FFFFFF

 B90500

 FF6F44

 990000

 FF8B5D

 790000

 FFA876

 5A0000

 FFC491

 3E0003

 FFE2AC

 190001

 FFFFC8

 000000

 FFFFEE

 D93311

 D93311

 D92500

 D94527

 D9573C

 D96952

 D97B68

 D98D7E

 D99F93

 D9B1A9

 D9C3BF

 D9D5D4

Harmonies

Analogous

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



EB005A



D93311



AE6000

Triad

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



D93311



008D44



0073FF

Complementary

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



D93311



11B7D9

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.



0087FC



D93311



00908F

Square

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



D93311



008700



008FD2



954EDE

Rectangle

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



D93311



887200



008FD2



007CFF

Sweetspot

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



D93311



FFC4B8



D911B8



805C54



000000



808080

Same Dimension

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



D93311



FF2B00



D99611



6E6563



AD1D00



2E0800

Inverse Universe

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



11B7D9



00D4FF



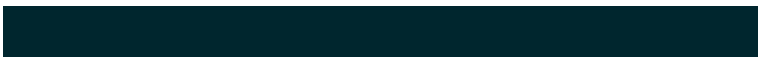
1154D9



636C6E



0090AD



00262E

Previews

White Background



This preview shows how the Hex color D93311 looks on a white background.

Color Contrast Check

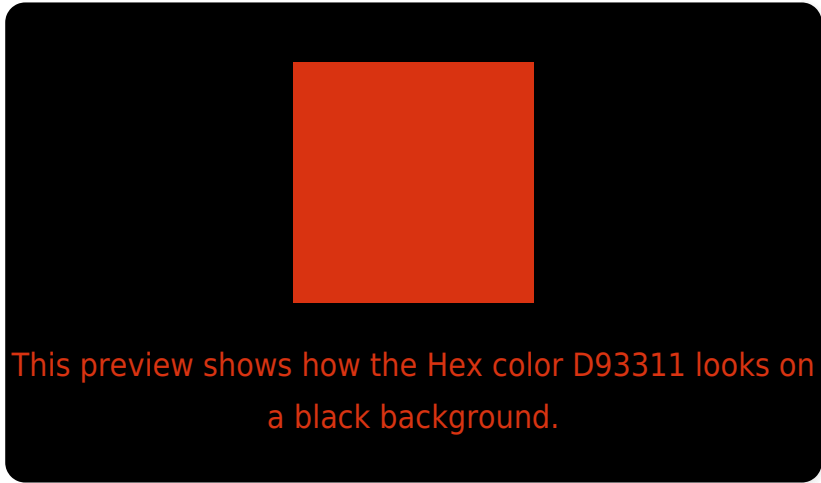
Large Text (above 18pt) WCAG AA ✓ Pass

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 D93311 Background



This preview shows how black text looks on a background with the Hex color D93311.



This preview shows how white text looks on a background with the Hex color D93311.

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

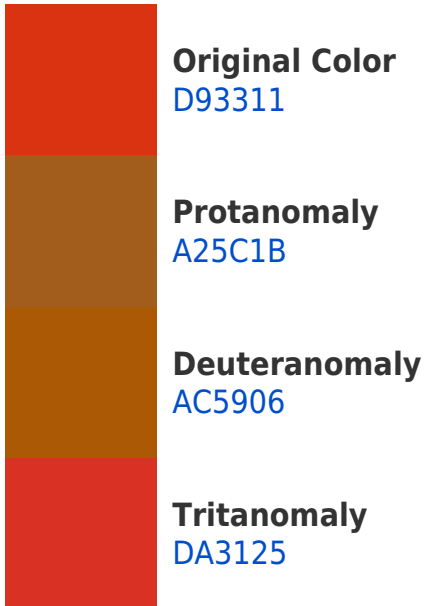


Original Color
D93311

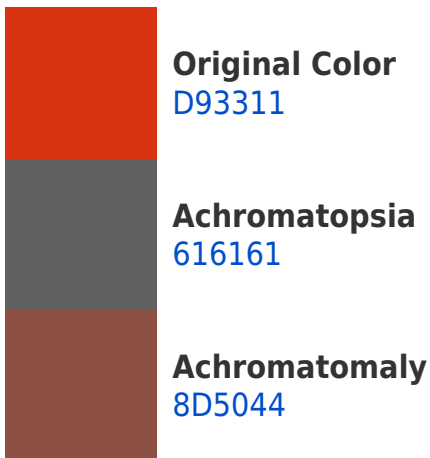
Protanopia
827421

Deuteranopia
926E00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D93311 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 #D93311 looks like.

```
.text, #text, p{  
    color:#D93311  
}
```

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 #D93311 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D93311
}
```

Border

The CSS property to change the border of an element to Hex D93311 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
#D93311 }
```

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

```
.border{ border-color:#D93311 }
```

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

Here you see how a box with a 4 pixel #D93311 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D93311; -webkit-box-shadow:4px 4px  
4px 4px #D93311; box-shadow:4px 4px 4px  
4px #D93311 }
```

Background

The CSS property to change the background color of an element to Hex D93311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D93311 }
```

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

```
.background{ background-color:#D93311 }
```

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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