

Converting Colors

Hex(DC3313)

Have a look what the booklet for
Hex(DC3313) contains.

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Color

Hex(DC3313)

Conversions

Conversions Part 1

Format	Color
Hex	DC3313
RGB	220, 51, 19
RGB Percent	86%, 20%, 7%
CMY	0.1373, 0.8000, 0.9255
CMYK	0.00, 0.77, 0.91, 0.14
HSL	10°, 84%, 47%
HSV	10°, 91%, 86%
XYZ	30.8166, 17.6303, 2.3949
YIQ	97.8830, 110.9960, 25.8760

Conversions

Conversions Part 2

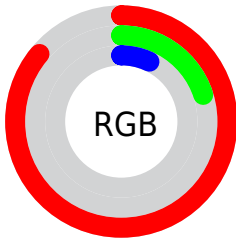
Format	Color
RYB	220, 57, 19
Decimal	14430995
CIELab	49.04, 63.13, 56.11
CIElCh	49, 84.460, 41.631
Yxy	17.6303, 0.6061, 0.3468
Android (android.graphics.Color)	4292621075 (0xFFDC3313)
YUV	97.8830, -38.8893, 107.0966
Hunter-Lab	41.9885, 57.5266, 26.0102

Details

The Hex color **DC3313** 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 **13BCDC**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF6F45**, and **9B0000** is the 20% darker color. If you saturate the color by 10%, you get **DC2300**, and if you desaturate by 10%, it is **DC4529**.

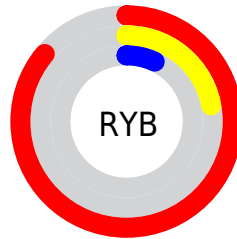
Distribution



Red (86%)

Green (20%)

Blue (7%)



Red (86%)

Yellow (22%)

Blue (7%)

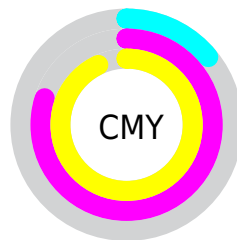


Cyan (0%)

Magenta (77%)

Yellow (91%)

Black (14%)



Cyan (14%)

Magenta (80%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC3313 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 DC3313 by changing the saturation by 10% instead.

 DC3313

 DC3313

FFFFFF

 BB0300

 FF6F45

 9B0000

 FF8B5E

 7B0000

 FFA878

 5C0000

 FFC592

 400003

 FFE3AD

 1D0001

 FFFFC9

 000000

 FFFFEE

 DC3313

 DC3313

 DC2300

 DC4529

 DC583F

 DC6A55

 DC7D6B

 DC8F81

 DCA297

 DCB4AD

 DCC7C3

 DCD9D9

Harmonies

Analogous

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



ED005C



DC3313



B16000

Triad

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



DC3313



008F44



0075FF

Complementary

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



DC3313



13BCDC

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.



0089FE



DC3313



009290

Square

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



DC3313



008900



0091D3



9550E1

Rectangle

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



DC3313



8B7300



0091D3



007EFF

Sweetspot

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



DC3313



FFC5BA



DC13BE



805D57



000000



808080

Same Dimension

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



DC3313



FF2900



DC9613



6E6463



AD1C00



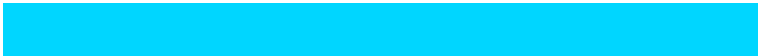
2E0700

Inverse Universe

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



13BCDC



00D6FF



1359DC



636C6E



0092AD



00272E

Previews

White Background



This preview shows how the Hex color DC3313 looks on a white background.

Color Contrast Check

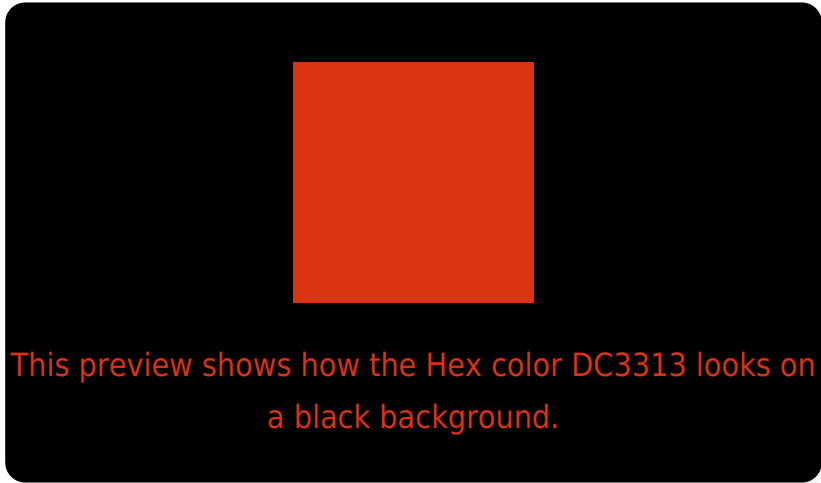
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 DC3313 Background



This preview shows how black text looks on a background with the Hex color DC3313.



This preview shows how white text looks on a background with the Hex color DC3313.

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

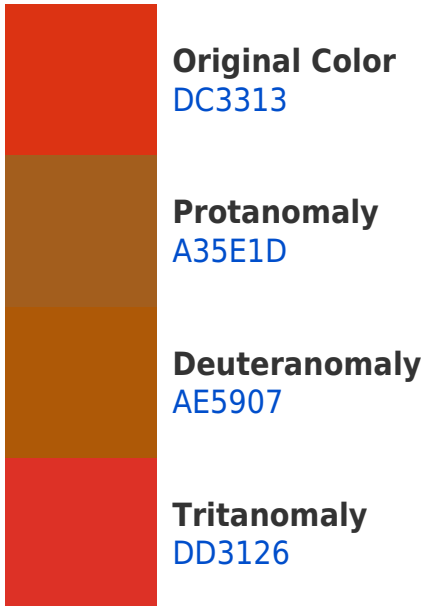


Original Color
DC3313

Protanopia
837623

Deuteranopia
946F00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC3313 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 #DC3313 looks like.

```
.text, #text, p{  
    color:#DC3313  
}
```

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 #DC3313 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC3313 }  
}
```

Border

The CSS property to change the border of an element to Hex DC3313 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 #DC3313 }  
}
```

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

```
.border{ border-color:#DC3313 }
```

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

Here you see how a box with a 4 pixel #DC3313 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC3313; -webkit-box-shadow:4px 4px  
4px 4px #DC3313; box-shadow:4px 4px 4px  
4px #DC3313 }
```

Background

The CSS property to change the background color of an element to Hex DC3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC3313 }
```

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

```
.background{ background-color:#DC3313 }
```

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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