

Converting Colors

Hex(DD3C00)

Have a look what the booklet for
Hex(DD3C00) contains.

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Color

Hex(DD3C00)

Conversions

Conversions Part 1

Format	Color
Hex	DD3C00
RGB	221, 60, 0
RGB Percent	87%, 24%, 0%
CMY	0.1333, 0.7647, 1.0000
CMYK	0.00, 0.73, 1.00, 0.13
HSL	16°, 100%, 43%
HSV	16°, 100%, 87%
XYZ	31.4347, 18.6039, 1.9341
YIQ	101.2990, 115.2160, 15.4720

Conversions

Conversions Part 2

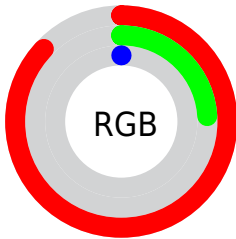
Format	Color
RYB	221, 82, 0
Decimal	14498816
CIELab	50.22, 60.34, 61.99
CIElCh	50, 86.509, 45.772
Yxy	18.6039, 0.6048, 0.3580
Android (android.graphics.Color)	4292688896 (0xFFDD3C00)
YUV	101.2990, -49.9404, 104.9778
Hunter-Lab	43.1322, 54.6090, 27.5339

Details

The Hex color **DD3C00** 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 **00A1DD**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF763B**, and **9C0000** is the 20% darker color. If you saturate the color by 10%, you get **DD3C00**, and if you desaturate by 10%, it is **DD4C16**.

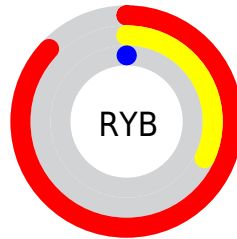
Distribution



Red (87%)

Green (24%)

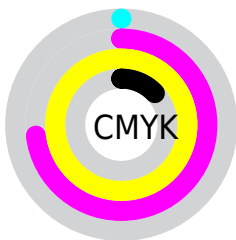
Blue (0%)



Red (87%)

Yellow (32%)

Blue (0%)

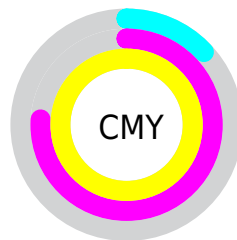


Cyan (0%)

Magenta (73%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD3C00 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 DD3C00 by changing the saturation by 10% instead.

 DD3C00

 DD3C00

 FFFFFFF9

 BC1900

 FF763B

 9C0000

 FF9255

 7C0000

 FFAE6F

 5D0000

 FFCB89

 420003

 FFE9A4

 200001

 FFFFC0

 000000

 FFFFDD

 DD3C00

 DD4C16

 DD5C2C

 DD6C42

 DD7C58

 DD8D6F

 DD9D85

 DDAD9B

 DDBDB1

 DDCDC7

Harmonies

Analogous

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



F30055



DD3C00



AE6700

Triad

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



DD3C00



009350



0074FF

Complementary

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



DD3C00



00A1DD

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.



008BFF



DD3C00



00969E

Square

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



DD3C00



008D00



0094E1



A74BE0

Rectangle

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



DD3C00



857900



0094E1



007DFF

Sweetspot

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



DD3C00



FFC7B3



DD00A2



805E52



000000



808080

Same Dimension

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



DD3C00



FF4500



DDA900



6E6663



AD2F00



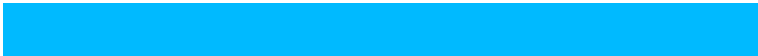
2E0C00

Inverse Universe

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



00A1DD



00BAFF



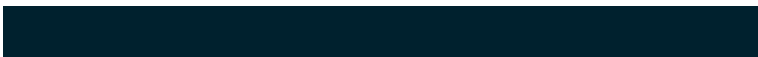
0034DD



636B6E



007EAD



00212E

Previews

White Background



This preview shows how the Hex color DD3C00 looks on a white background.

Color Contrast Check

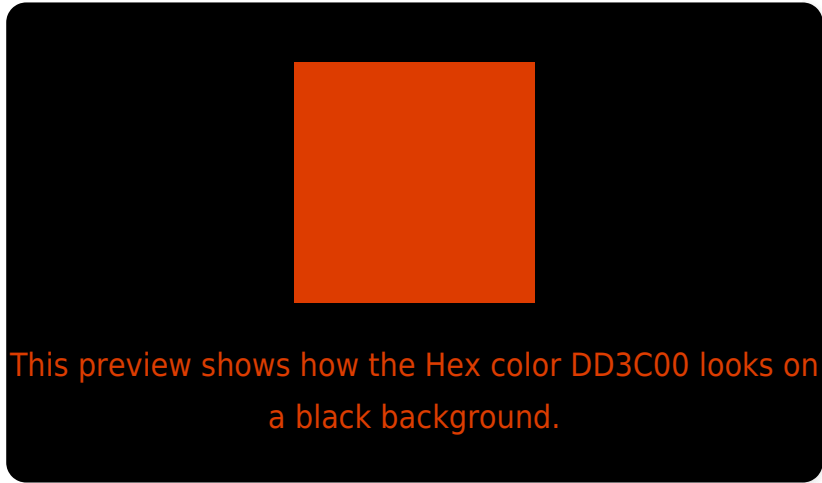
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD3C00 Background



This preview shows how black text looks on a background with the Hex color DD3C00.



This preview shows how white text looks on a background with the Hex color DD3C00.

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

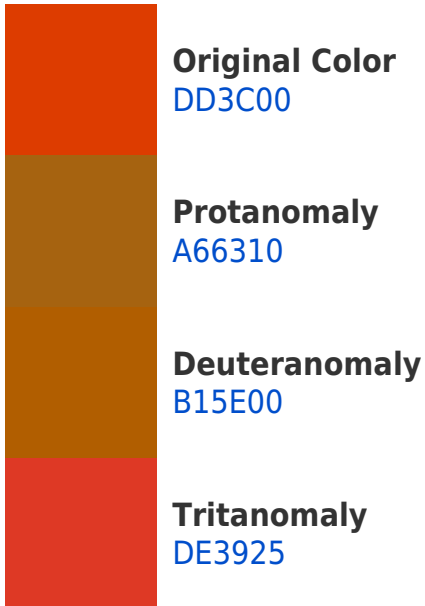


Original Color
DD3C00

Protanopia
877919

Deuteranopia
987200

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DD3C00 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 #DD3C00 looks like.

```
.text, #text, p{  
    color:#DD3C00  
}
```

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 #DD3C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD3C00
}
```

Border

The CSS property to change the border of an element to Hex DD3C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

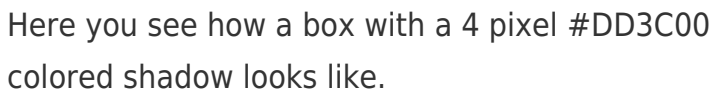
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DD3C00 }
```

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

```
.border{ border-color:#DD3C00 }
```

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



Here you see how a box with a 4 pixel `#DD3C00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD3C00; -webkit-box-shadow:4px 4px  
4px 4px #DD3C00; box-shadow:4px 4px 4px  
4px #DD3C00 }
```

Background

The CSS property to change the background color of an element to Hex DD3C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD3C00 }
```

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

```
.background{ background-color:#DD3C00 }
```

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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