

Converting Colors

Hex(DC3000)

Have a look what the booklet for
Hex(DC3000) contains.

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Color

Hex(DC3000)

Conversions

Conversions Part 1

Format	Color
Hex	DC3000
RGB	220, 48, 0
RGB Percent	86%, 19%, 0%
CMY	0.1373, 0.8118, 1.0000
CMYK	0.00, 0.78, 1.00, 0.14
HSL	13°, 100%, 43%
HSV	13°, 100%, 86%
XYZ	30.5722, 17.3295, 1.7336
YIQ	93.9560, 117.9200, 21.5360

Conversions

Conversions Part 2

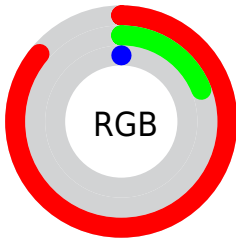
Format	Color
RYB	220, 61, 0
Decimal	14430208
CIELab	48.67, 63.82, 61.19
CIElCh	49, 88.416, 43.794
Yxy	17.3295, 0.6159, 0.3491
Android (android.graphics.Color)	4292620288 (0xFFDC3000)
YUV	93.9560, -46.3203, 110.5406
Hunter-Lab	41.6288, 58.2400, 26.6710

Details

The Hex color **DC3000** 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 **00ACDC**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF6D3A**, and **9B0000** is the 20% darker color. If you saturate the color by 10%, you get **DC3000**, and if you desaturate by 10%, it is **DC4116**.

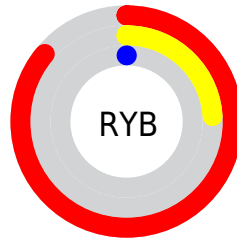
Distribution



Red (86%)

Green (19%)

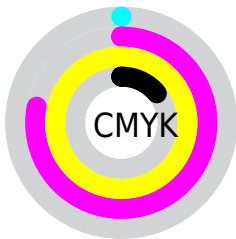
Blue (0%)



Red (86%)

Yellow (24%)

Blue (0%)

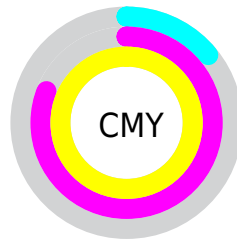


Cyan (0%)

Magenta (78%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (81%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC3000 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 DC3000 by changing the saturation by 10% instead.

 DC3000

 DC3000

 FFFFFFF7

 BB0000

 FF6D3A

 9B0000

 FF8953

 7B0000

 FFA66D

 5C0000

 FFC387

 400003

 FFE0A2

 1C0001

 FFFEBE

 000000

 FFFFDA

 DC3000

 DC4116

 DC522C

 DC6442

 DC7558

 DC866E

 DC9784

 DCA89A

 DCBAB0

 DCCBC6

Harmonies

Analogous

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



F10055



DC3000



AE6100

Triad

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



DC3000



008F46



0073FF

Complementary

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



DC3000



00ACDC

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.



0088FF



DC3000



009296

Square

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



DC3000



008900



0090DB



9D49E1

Rectangle

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



DC3000



857400



0090DB



007CFF

Sweetspot

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



DC3000



FFC3B3



DC00AC



805C52



000000



808080

Same Dimension

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



DC3000



FF3800



DC9E00



6E6563



AD2600



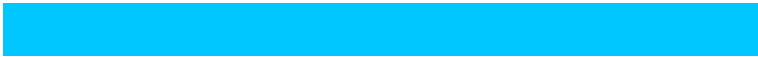
2E0A00

Inverse Universe

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



00ACDC



00C7FF



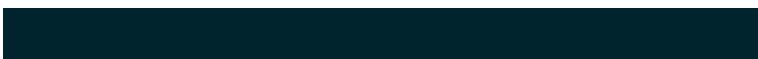
003EDC



636B6E



0088AD



00242E

Previews

White Background



This preview shows how the Hex color DC3000 looks on a white background.

Color Contrast Check

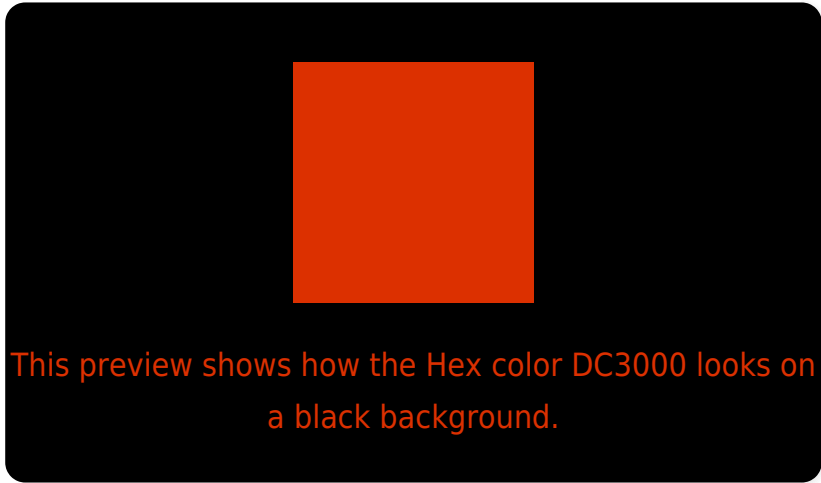
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC3000 Background



This preview shows how black text looks on a background with the Hex color DC3000.



This preview shows how white text looks on a background with the Hex color DC3000.

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

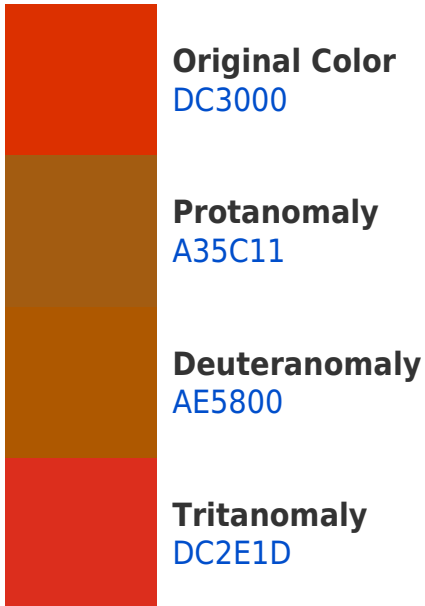


Original Color
DC3000

Protanopia
83751A

Deuteranopia
936F00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC3000 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 #DC3000 looks like.

```
.text, #text, p{  
    color:#DC3000  
}
```

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 #DC3000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC3000
}
```

Border

The CSS property to change the border of an element to Hex DC3000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

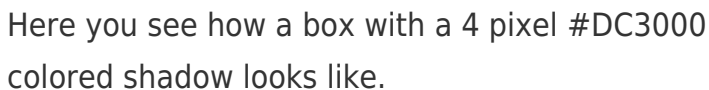
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DC3000 }
```

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

```
.border{ border-color:#DC3000 }
```

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



Here you see how a box with a 4 pixel #DC3000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC3000; -webkit-box-shadow:4px 4px  
4px 4px #DC3000; box-shadow:4px 4px 4px  
4px #DC3000 }
```

Background

The CSS property to change the background color of an element to Hex DC3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC3000 }
```

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

```
.background{ background-color:#DC3000 }
```

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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