

Converting Colors

Hex(DC6033)

Have a look what the booklet for
Hex(DC6033) contains.

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Color

Hex(DC6033)

Conversions

Conversions Part 1

Format	Color
Hex	DC6033
RGB	220, 96, 51
RGB Percent	86%, 38%, 20%
CMY	0.1373, 0.6235, 0.8000
CMYK	0.00, 0.56, 0.77, 0.14
HSL	16°, 71%, 53%
HSV	16°, 77%, 86%
XYZ	34.2956, 23.8204, 5.9222
YIQ	127.9460, 88.3490, 12.2930

Conversions

Conversions Part 2

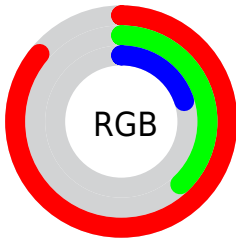
Format	Color
RYB	220, 112, 51
Decimal	14442547
CIELab	55.91, 46.02, 48.20
CIELCh	56, 66.639, 46.329
Yxy	23.8204, 0.5355, 0.3720
Android (android.graphics.Color)	4292632627 (0xFFDC6033)
YUV	127.9460, -37.9344, 80.7314
Hunter-Lab	48.8061, 40.0195, 26.9700

Details

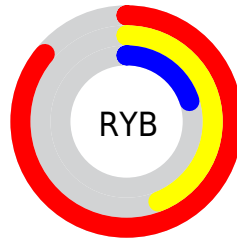
The Hex color **DC6033** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **33AFDC**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF9664**, and **9E2B01** is the 20% darker color. If you saturate the color by 10%, you get **DC501D**, and if you desaturate by 10%, it is **DC7049**.

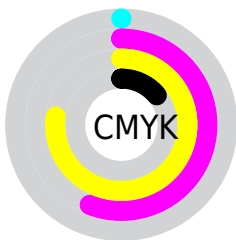
Distribution



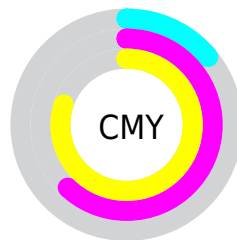
- Red (86%)
- Green (38%)
- Blue (20%)



- Red (86%)
- Yellow (44%)
- Blue (20%)



- Cyan (0%)
- Magenta (56%)
- Yellow (77%)
- Black (14%)



- Cyan (14%)
- Magenta (62%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC6033 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 DC6033 by changing the saturation by 10% instead.

 DC6033

 DC6033

FFFFFF

 BD461B

 FF9664

 9E2B01

 FFB17E

 800900

 FFCE98

 610000

 FFEAB4

 440000

 FFFFCF

 290001

 FFFFEC

 000000

 DC6033

 DC6033

 DC501D

 DC7049

 DC4007

 DC805F

 DC3B00

 DC9075

 DCA18B

 DCB1A1

 DCC1B7

 DCD1CD

 DCE1E3

 DCF1F9

Harmonies

Analogous

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



EC4A69



DC6033



B77A00

Triad

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



DC6033



009F69



4482F6

Complementary

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



DC6033



33AFDC

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.



0094F7



DC6033



00A0A5

Square

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



DC6033



3B992E



009ED9



B067D7

Rectangle

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



DC6033



968700



009ED9



0089FA

Sweetspot

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



DC6033



FFD4C4



DC33B2



80655C



000000



808080

Same Dimension

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



DC6033



FF5314



DCB233



6E6663



AD2E00



2E0C00

Inverse Universe

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



33AFDC



14C1FF



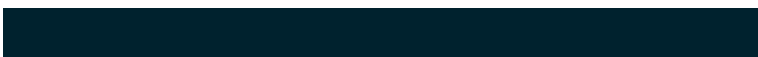
335DDC



636B6E



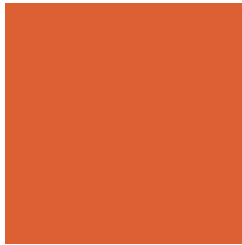
007FAD



00222E

Previews

White Background



This preview shows how the Hex color DC6033 looks on a white background.

Color Contrast Check

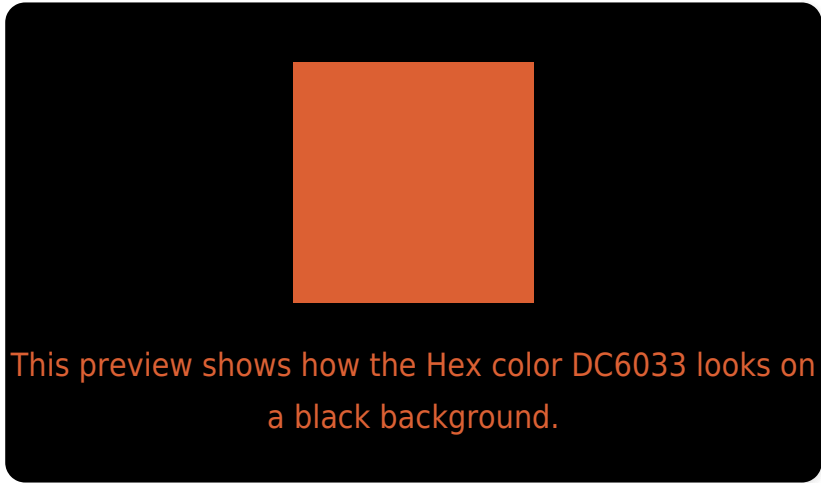
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC6033 Background



This preview shows how black text looks on a background with the Hex color DC6033.



This preview shows how white text looks on a background with the Hex color DC6033.

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
DC6033

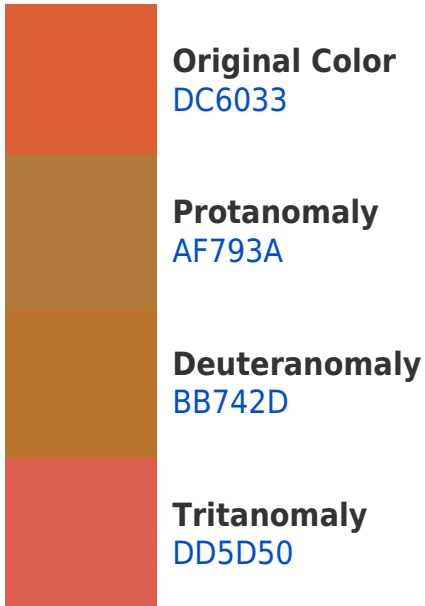
Protanopia
95873E

Deuteranopia
A8802A

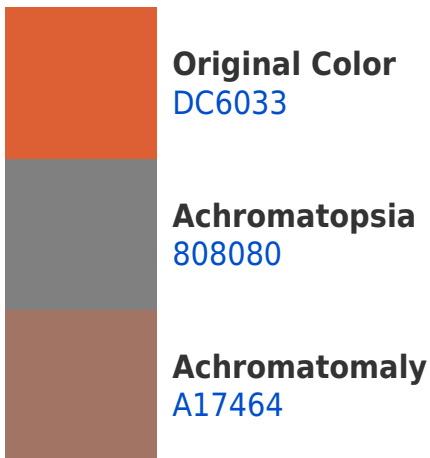


Tritanopia
DE5B61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC6033 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 #DC6033 looks like.

```
.text, #text, p{  
    color:#DC6033  
}
```

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 #DC6033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC6033
}
```

Border

The CSS property to change the border of an element to Hex DC6033 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
#DC6033 }
```

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

```
.border{ border-color:#DC6033 }
```

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

Here you see how a box with a 4 pixel #DC6033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC6033; -webkit-box-shadow:4px 4px  
4px 4px #DC6033; box-shadow:4px 4px 4px  
4px #DC6033 }
```

Background

The CSS property to change the background color of an element to Hex DC6033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC6033 }
```

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

```
.background{ background-color:#DC6033 }
```

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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