

Converting Colors

Hex(DF6600)

Have a look what the booklet for
Hex(DF6600) contains.

Hex(DF6600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DF6600)

Conversions

Conversions Part 1

Format	Color
Hex	DF6600
RGB	223, 102, 0
RGB Percent	87%, 40%, 0%
CMY	0.1255, 0.6000, 1.0000
CMYK	0.00, 0.54, 1.00, 0.13
HSL	27°, 100%, 44%
HSV	27°, 100%, 87%
XYZ	35.1828, 25.1907, 3.0080
YIQ	126.5510, 104.8580, -6.0700

Conversions

Conversions Part 2

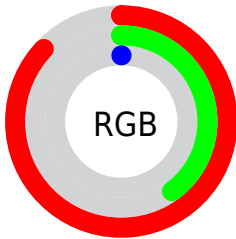
Format	Color
RYB	223, 188, 0
Decimal	14640640
CIELab	57.26, 43.23, 65.85
CIELCh	57, 78.771, 56.719
Yxy	25.1907, 0.5551, 0.3974
Android (android.graphics.Color)	4292830720 (0xFFDF6600)
YUV	126.5510, -62.3896, 84.5858
Hunter-Lab	50.1904, 37.2931, 31.5799

Details

The Hex color **DF6600** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **0079DF**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF9B42**, and **A03200** is the 20% darker color. If you saturate the color by 10%, you get **DF6600**, and if you desaturate by 10%, it is **DF7216**.

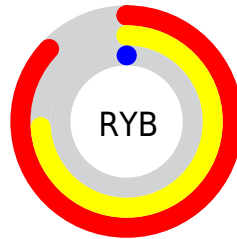
Distribution



Red (87%)

Green (40%)

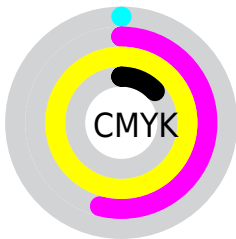
Blue (0%)



Red (87%)

Yellow (74%)

Blue (0%)

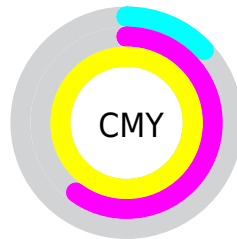


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF6600 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 DF6600 by changing the saturation by 10% instead.

 DF6600

 DF6600

FFFFFF

 BF4C00

 FF9B42

 A03200

 FFB75D

 811600

 FFD377

 630000

 FFF092

 460000

 FFFFAE

 2C0001

 FFFFCA

 000000

 FFFF E7

 DF6600

 DF7216

 DF7E2D

 DF8A43

 DF9659

 DFA370

 DFAF86

 DFBB9C

 DFC7B2

 DFD3C9

Harmonies

Analogous

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



FD4150



DF6600



AC8400

Triad

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



DF6600



00A780



717BFF

Complementary

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



DF6600



0079DF

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.



0095FF



DF6600



00A7C6

Square

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



DF6600



00A237



00A2FD



D355D6

Rectangle

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



DF6600



829200



00A2FD



1B85FF

Sweetspot

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



DF6600



FFD5B3



DF007B



806752



000000



808080

Same Dimension

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



DF6600



FF7500



DFD400



706A65



B05000



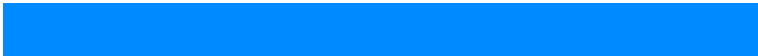
301600

Inverse Universe

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



0079DF



008AFF



000BDF



656B70



005FB0



001A30

Previews

White Background



This preview shows how the Hex color DF6600 looks on a white background.

Color Contrast Check

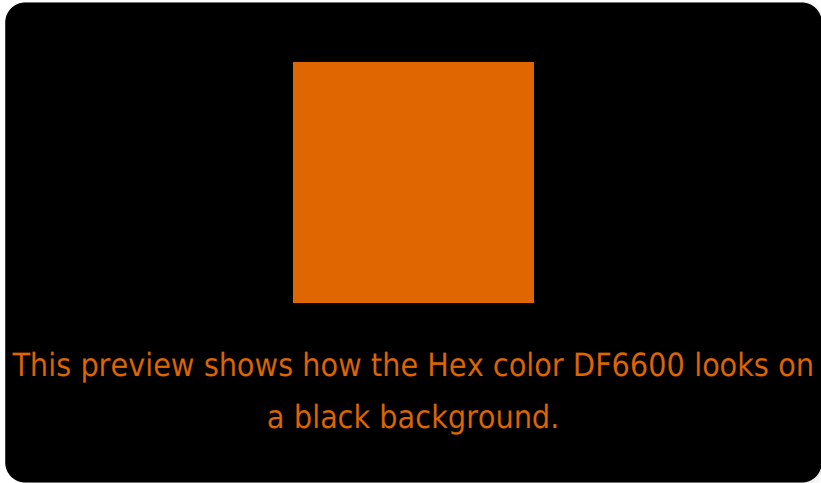
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF6600 Background



This preview shows how black text looks on a background with the Hex color DF6600.



This preview shows how white text looks on a background with the Hex color DF6600.

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
DF6600

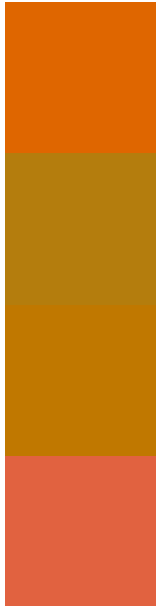
Protanopia
9C8A15

Deuteranopia
AE8300



Tritanopia
E25F65

Trichromacy



Original Color
DF6600

Protanomaly
B47D0D

Deuteranomaly
C07800

Tritanomaly
E16240

Monochromacy



Original Color
DF6600

Achromatopsia
7F7F7F

Achromatomaly
A27651

CSS Examples

Text

The CSS property to change the color of the text to Hex DF6600 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 #DF6600 looks like.

```
.text, #text, p{  
    color:#DF6600  
}
```

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 #DF6600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF6600  
}
```

Border

The CSS property to change the border of an element to Hex DF6600 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  
#DF6600 }
```

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

```
.border{ border-color:#DF6600 }
```

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

Here you see how a box with a 4 pixel #DF6600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF6600; -webkit-box-shadow:4px 4px  
4px 4px #DF6600; box-shadow:4px 4px 4px  
4px #DF6600 }
```

Background

The CSS property to change the background color of an element to Hex DF6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF6600 }
```

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

```
.background{ background-color:#DF6600 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor