

Converting Colors

Hex(DF7416)

Have a look what the booklet for
Hex(DF7416) contains.

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Color

Hex(DF7416)

Conversions

Conversions Part 1

Format	Color
Hex	DF7416
RGB	223, 116, 22
RGB Percent	87%, 45%, 9%
CMY	0.1255, 0.5451, 0.9137
CMYK	0.00, 0.48, 0.90, 0.13
HSL	28°, 82%, 48%
HSV	28°, 90%, 87%
XYZ	36.8216, 28.2367, 4.2686
YIQ	137.2770, 93.9460, -6.5500

Conversions

Conversions Part 2

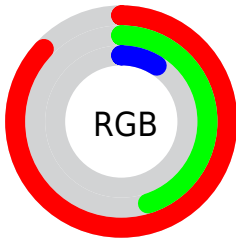
Format	Color
RYB	223, 199, 22
Decimal	14644246
CIELab	60.10, 36.47, 63.27
CIElCh	60, 73.027, 60.040
Yxy	28.2367, 0.5311, 0.4073
Android (android.graphics.Color)	4292834326 (0xFFDF7416)
YUV	137.2770, -56.8316, 75.1791
Hunter-Lab	53.1382, 30.6981, 32.4340

Details

The Hex color **DF7416** 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 **1681DF**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFA94F**, and **A14100** is the 20% darker color. If you saturate the color by 10%, you get **DF6800**, and if you desaturate by 10%, it is **DF802C**.

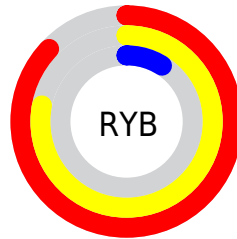
Distribution



Red (87%)

Green (45%)

Blue (9%)



Red (87%)

Yellow (78%)

Blue (9%)

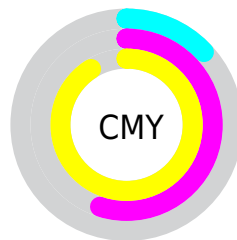


Cyan (0%)

Magenta (48%)

Yellow (90%)

Black (13%)



Cyan (13%)

Magenta (55%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF7416 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 DF7416 by changing the saturation by 10% instead.

 DF7416

 DF7416

FFFFFF

 C05A00

 FFA94F

 A14100

 FFC569

 822900

 FFE184

 640E00

 FFFE9F

 480000

 FFFFBB

 300002

 FFFFD8

 000000

 FFFFF5

 DF7416

 DF7416

■ DF6800

■ DF802C

■ DF8C43

■ DF9859

■ DFA36F

■ DFAF86

■ DFBB9C

■ DFC7B2

■ DFD3C8

■ DFDFDF

Harmonies

Analogous

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



FD5655



DF7416



AE8E00

Triad

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



DF7416



00AD8F



8C80FF

Complementary

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



DF7416



1681DF

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.



0099FF



DF7416



00ADD0

Square

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



DF7416



00A94C



00A7FF



DD5FD2

Rectangle

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



DF7416



859B00



00A7FF



5D89FF

Sweetspot

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



DF7416



FFDABA



DF1681



806A57



000000



808080

Same Dimension

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



DF7416



FF7700



DFD816



706A65



B05200



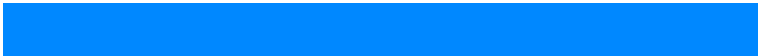
301700

Inverse Universe

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



1681DF



0088FF



161DDF



656B70



005EB0



001A30

Previews

White Background



This preview shows how the Hex color DF7416 looks on a white background.

Color Contrast Check

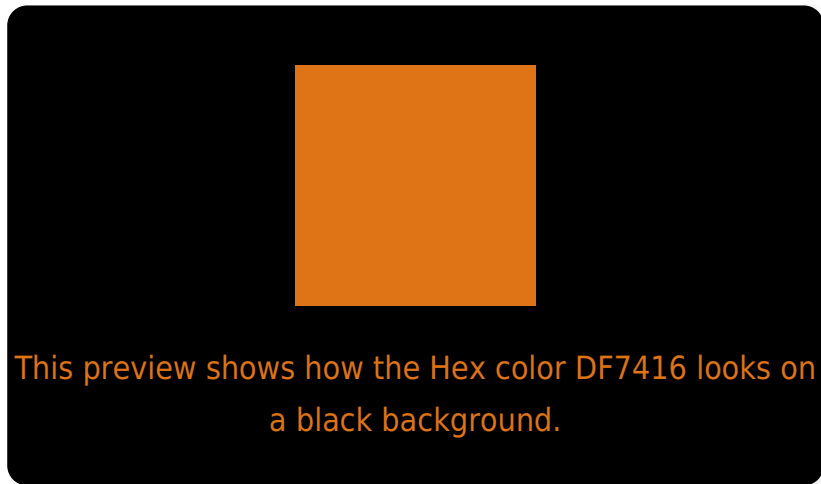
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF7416 Background



This preview shows how black text looks on a background with the Hex color DF7416.



This preview shows how white text looks on a background with the Hex color DF7416.

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
DF7416

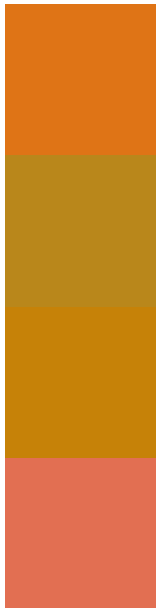
Protanopia
A4921E

Deuteranopia
B88A00



Tritanopia
E36C74

Trichromacy



Original Color
DF7416

Protanomaly
B9871B

Deuteranomaly
C68208

Tritanomaly
E26F52

Monochromacy



Original Color
DF7416

Achromatopsia
898989

Achromatomaly
A8815F

CSS Examples

Text

The CSS property to change the color of the text to Hex DF7416 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 #DF7416 looks like.

```
.text, #text, p{  
    color:#DF7416  
}
```

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 #DF7416 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF7416
}
```

Border

The CSS property to change the border of an element to Hex DF7416 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
#DF7416 }
```

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

```
.border{ border-color:#DF7416 }
```

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

Here you see how a box with a 4 pixel #DF7416 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF7416; -webkit-box-shadow:4px 4px  
4px 4px #DF7416; box-shadow:4px 4px 4px  
4px #DF7416 }
```

Background

The CSS property to change the background color of an element to Hex DF7416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF7416 }
```

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

```
.background{ background-color:#DF7416 }
```

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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