

Converting Colors

Hex(DF7E00)

Have a look what the booklet for
Hex(DF7E00) contains.

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Color

Hex(DF7E00)

Conversions

Conversions Part 1

Format	Color
Hex	DF7E00
RGB	223, 126, 0
RGB Percent	87%, 49%, 0%
CMY	0.1255, 0.5059, 1.0000
CMYK	0.00, 0.43, 1.00, 0.13
HSL	34°, 100%, 44%
HSV	34°, 100%, 87%
XYZ	37.8923, 30.6097, 3.9111
YIQ	140.6390, 98.2580, -18.6220

Conversions

Conversions Part 2

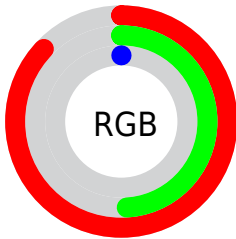
Format	Color
RYB	172, 223, 0
Decimal	14646784
CIELab	62.18, 31.03, 68.80
CIElCh	62, 75.470, 65.726
Yxy	30.6097, 0.5233, 0.4227
Android (android.graphics.Color)	4292836864 (0xFFDF7E00)
YUV	140.6390, -69.3350, 72.2306
Hunter-Lab	55.3260, 25.4325, 34.5369

Details

The Hex color **DF7E00** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **0061DF**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFB346**, and **A14C00** is the 20% darker color. If you saturate the color by 10%, you get **DF7E00**, and if you desaturate by 10%, it is **DF8816**.

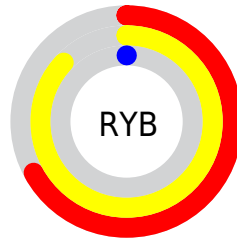
Distribution



Red (87%)

Green (49%)

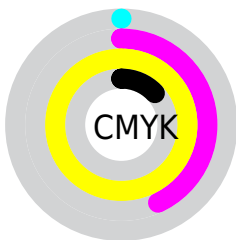
Blue (0%)



Red (67%)

Yellow (87%)

Blue (0%)

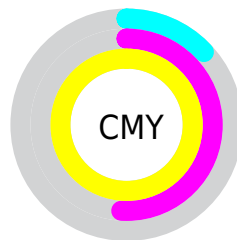


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF7E00 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 DF7E00 by changing the saturation by 10% instead.

 DF7E00

 DF7E00

FFFFFF

 C06500

 FFB346

 A14C00

 FFCF62

 823400

 FFE87D

 651C00

 FFFF98

 480300

 FFFF84

 2F0000

 FFFFD1

 000000

 FFFFEE

 DF7E00

 DF8816

 DF912D

 DF9B43

 DFA559

 DFAF70

 DFB886

 DFC29C

 DFCCB2

 DFD5C9

Harmonies

Analogous

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



FF5E4C



DF7E00



A99800

Triad

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



DF7E00



00B4A2



A67EFF

Complementary

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



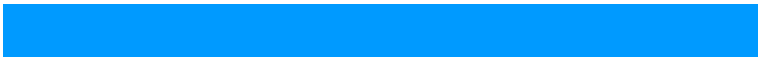
DF7E00



0061DF

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.



009AFF



DF7E00



00B3E3

Square

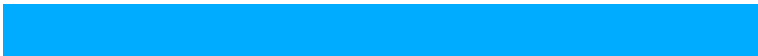
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DF7E00



00B15C



00ACFF



EF5CCF

Rectangle

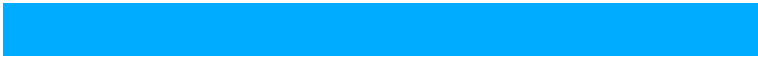
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DF7E00



7CA300



00ACFF



7E89FF

Sweetspot

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



DF7E00



FFDEB3



DF0064



806C52



000000



808080

Same Dimension

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



DF7E00



FF9000



D4DF00



706B65



B06300



301B00

Inverse Universe

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



0061DF



006FFF



0B00DF



656A70



004DB0



001530

Previews

White Background



This preview shows how the Hex color DF7E00 looks on a white background.

Color Contrast Check

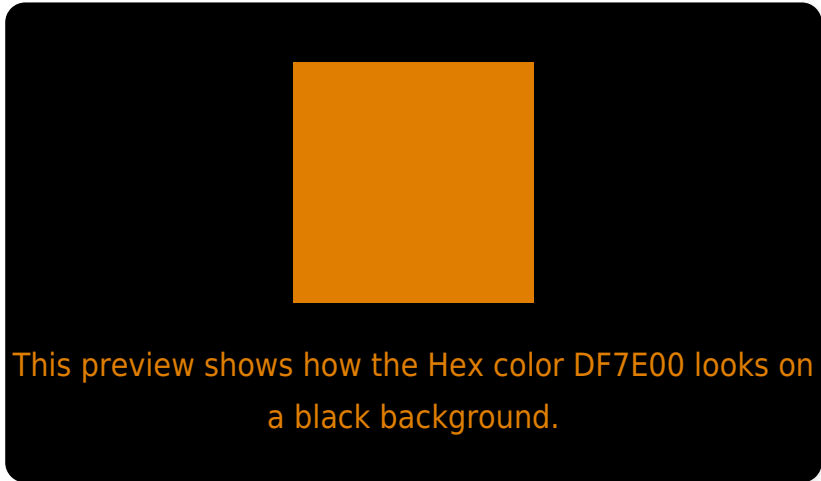
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DF7E00 Background



This preview shows how black text looks on a background with the Hex color DF7E00.



This preview shows how white text looks on a background with the Hex color DF7E00.

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
DF7E00

Protanopia
AA9712

Deuteranopia
BF8F00

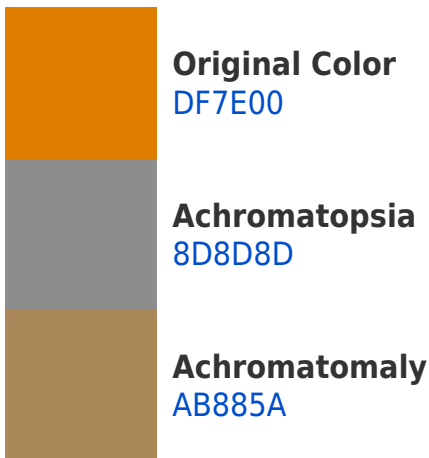


Tritanopia
E3757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DF7E00 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 #DF7E00 looks like.

```
.text, #text, p{  
    color:#DF7E00  
}
```

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 #DF7E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF7E00
}
```

Border

The CSS property to change the border of an element to Hex DF7E00 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
#DF7E00 }
```

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

```
.border{ border-color:#DF7E00 }
```

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

Here you see how a box with a 4 pixel #DF7E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF7E00; -webkit-box-shadow:4px 4px  
4px 4px #DF7E00; box-shadow:4px 4px 4px  
4px #DF7E00 }
```

Background

The CSS property to change the background color of an element to Hex DF7E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF7E00 }
```

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

```
.background{ background-color:#DF7E00 }
```

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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