

Converting Colors

Hex(DF7F24)

Have a look what the booklet for
Hex(DF7F24) contains.

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Color

Hex(DF7F24)

Conversions

Conversions Part 1

Format	Color
Hex	DF7F24
RGB	223, 127, 36
RGB Percent	87%, 50%, 14%
CMY	0.1255, 0.5020, 0.8588
CMYK	0.00, 0.43, 0.84, 0.13
HSL	29°, 75%, 51%
HSV	29°, 84%, 87%
XYZ	38.3392, 30.9941, 5.6308
YIQ	145.3300, 86.4270, -7.9490

Conversions

Conversions Part 2

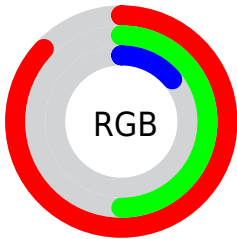
Format	Color
RYB	223, 213, 36
Decimal	14647076
CIELab	62.50, 31.06, 60.84
CIElCh	63, 68.307, 62.952
Yxy	30.9941, 0.5114, 0.4135
Android (android.graphics.Color)	4292837156 (0xFFDF7F24)
YUV	145.3300, -53.8997, 68.1166
Hunter-Lab	55.6723, 25.4990, 32.9739

Details

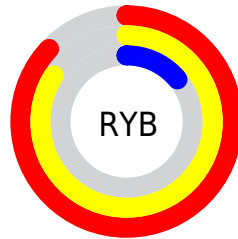
The Hex color **DF7F24** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2484DF**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFB45A**, and **A14D00** is the 20% darker color. If you saturate the color by 10%, you get **DF740E**, and if you desaturate by 10%, it is **DF8A3A**.

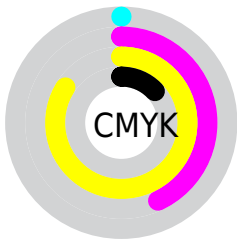
Distribution



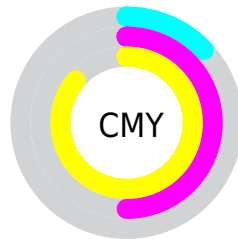
- Red (87%)
- Green (50%)
- Blue (14%)



- Red (87%)
- Yellow (84%)
- Blue (14%)



- Cyan (0%)
- Magenta (43%)
- Yellow (84%)
- Black (13%)



- Cyan (13%)
- Magenta (50%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF7F24 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 DF7F24 by changing the saturation by 10% instead.

 DF7F24

 DF7F24

FFFFFF

 C06500

 FFB45A

 A14D00

 FFD074

 833500

 FFED8F

 661D00

 FFFFAB

 490300

 FFFFC7

 300000

 FFFF E3

 000000

 DF7F24

 DF7F24

 DF740E

 DF8A3A

■ DF6D00

■ DF9651

■ DFA167

■ DFAD7D

■ DFB893

■ DFC4AA

■ DFCFC0

■ DFDBD6

■ DFE6ED

Harmonies

Analogous

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



FD6559



DF7F24



AF9600

Triad

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



DF7F24



00B39C



9E84FE

Complementary

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



DF7F24



2484DF

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.



009CFF



DF7F24



00B2D8

Square

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



DF7F24



00AF5D



00ACFF



E468CF

Rectangle

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



DF7F24



87A20E



00ACFF



7A8DFF

Sweetspot

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



DF7F24



FFDEBF



DF2485



806C59



000000



808080

Same Dimension

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



DF7F24



FF7C00



DFDC24



706A65



B05600



301800

Inverse Universe

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



2484DF



0083FF



2427DF



656B70



005AB0



001930

Previews

White Background



This preview shows how the Hex color DF7F24 looks on a white background.

Color Contrast Check

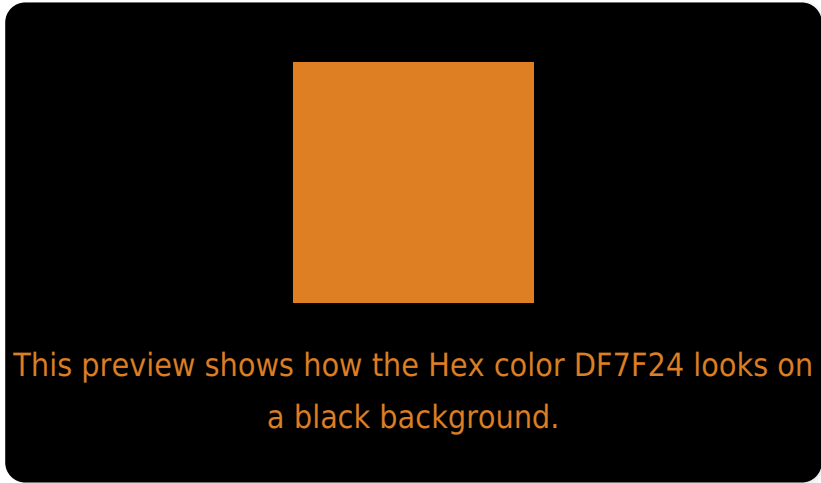
Large Text (above 18pt) WCAG AA × Fail

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 DF7F24 Background



This preview shows how black text looks on a background with the Hex color DF7F24.



This preview shows how white text looks on a background with the Hex color DF7F24.

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
DF7F24

Protanopia
AA982A

Deuteranopia
BF901B



Tritanopia
E3777F

Trichromacy



Original Color
DF7F24

Protanomaly
BD8F28

Deuteranomaly
CB8A1E

Tritanomaly
E27A5E

Monochromacy



Original Color
DF7F24

Achromatopsia
919191

Achromatomaly
AD8A69

CSS Examples

Text

The CSS property to change the color of the text to Hex DF7F24 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 #DF7F24 looks like.

```
.text, #text, p{  
    color:#DF7F24  
}
```

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 #DF7F24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF7F24
}
```

Border

The CSS property to change the border of an element to Hex DF7F24 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
#DF7F24 }
```

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

```
.border{ border-color:#DF7F24 }
```

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

Here you see how a box with a 4 pixel #DF7F24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF7F24; -webkit-box-shadow:4px 4px  
4px 4px #DF7F24; box-shadow:4px 4px 4px  
4px #DF7F24 }
```

Background

The CSS property to change the background color of an element to Hex DF7F24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF7F24 }
```

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

```
.background{ background-color:#DF7F24 }
```

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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