

Converting Colors

Hex(DF7B17)

Have a look what the booklet for
Hex(DF7B17) contains.

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Color

Hex(DF7B17)

Conversions

Conversions Part 1

Format	Color
Hex	DF7B17
RGB	223, 123, 23
RGB Percent	87%, 48%, 9%
CMY	0.1255, 0.5176, 0.9098
CMYK	0.00, 0.45, 0.90, 0.13
HSL	30°, 81%, 48%
HSV	30°, 90%, 87%
XYZ	37.6690, 29.9158, 4.5996
YIQ	141.5000, 91.7000, -9.9000

Conversions

Conversions Part 2

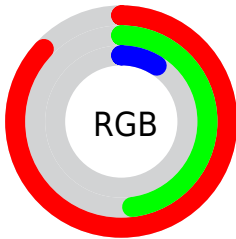
Format	Color
R _Y B	223, 223, 23
Decimal	14646039
CIE Lab	61.58, 32.87, 64.11
CIE LCh	62, 72.041, 62.856
Yxy	29.9158, 0.5218, 0.4144
Android (android.graphics.Color)	4292836119 (0xFFDF7B17)
YUV	141.5000, -58.4205, 71.4755
Hunter-Lab	54.6953, 27.2174, 33.3008

Details

The Hex color **DF7B17** 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 **177BDF**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFB050**, and **A14900** is the 20% darker color. If you saturate the color by 10%, you get **DF7001**, and if you desaturate by 10%, it is **DF862D**.

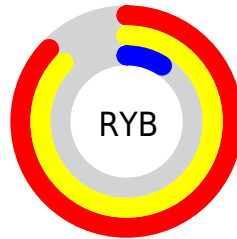
Distribution



Red (87%)

Green (48%)

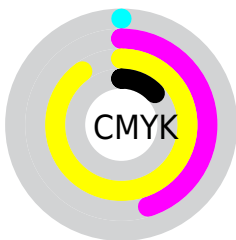
Blue (9%)



Red (87%)

Yellow (87%)

Blue (9%)

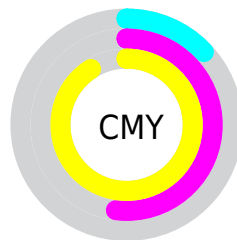


Cyan (0%)

Magenta (45%)

Yellow (90%)

Black (13%)



Cyan (13%)

Magenta (52%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF7B17 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 DF7B17 by changing the saturation by 10% instead.

DF7B17

DF7B17

FFFFFF

C06100

FFB050

A14900

FFCC6B

833100

FFE886

651800

FFFFA1

480000

FFFFBD

2F0001

FFFFDA

000000

FFFFFF7

DF7B17

DF7B17

■ DF7001

■ DF862D

■ DF7000

■ DF9144

■ DF9C5A

■ DFA870

■ DFB386

■ DFBE9D

■ DFC9B3

■ DFD4C9

■ DFDFE0

Harmonies

Analogous

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



FF5E53



DF7B17



AD9400

Triad

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



DF7B17



00B299



9B81FF

Complementary

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



DF7B17



177BDF

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.



009BFF



DF7B17



00B1D9

Square

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



DF7B17



00AE57



00AAFF



E562D0

Rectangle

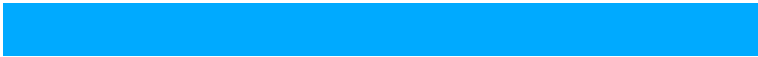
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DF7B17



83A000



00A0FF



728AFF

Sweetspot

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



DF7B17



FFDDBA



DF177B



806B57



000000



808080

Same Dimension

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



DF7B17



FF8000



DFDF17



706B65



B05800



301800

Inverse Universe

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



177BDF



0080FF



1717DF



656B70



0058B0



001830

Previews

White Background



This preview shows how the Hex color DF7B17 looks on a white background.

Color Contrast Check

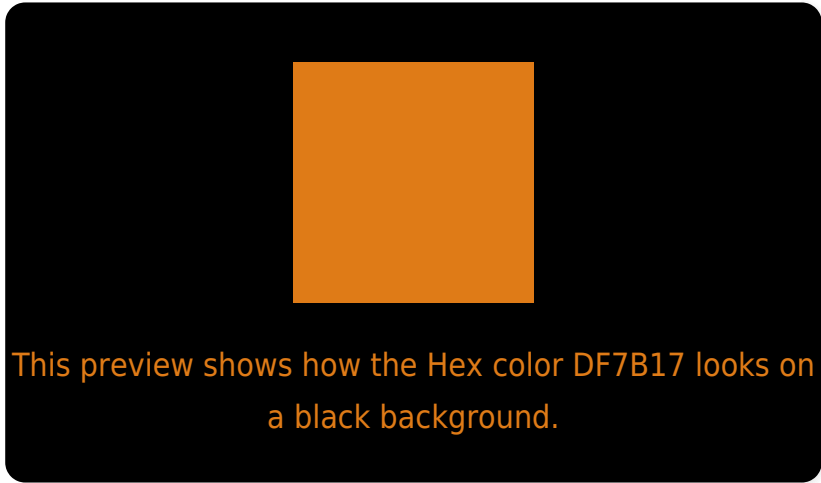
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF7B17 Background



This preview shows how black text looks on a background with the Hex color DF7B17.



This preview shows how white text looks on a background with the Hex color DF7B17.

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
DF7B17

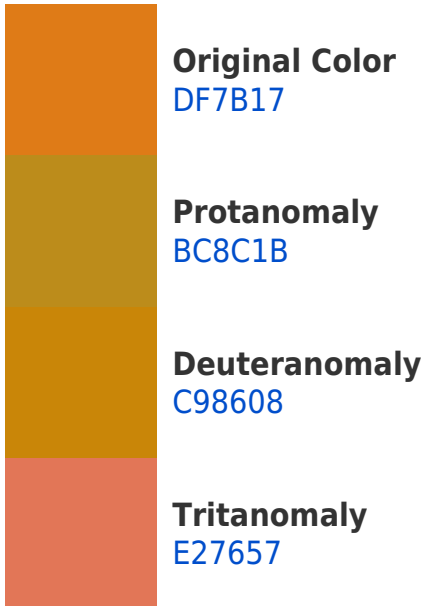
Protanopia
A8961E

Deuteranopia
BD8D00



Tritanopia
E3737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DF7B17 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 #DF7B17 looks like.

```
.text, #text, p{  
    color:#DF7B17  
}
```

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 #DF7B17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF7B17
}
```

Border

The CSS property to change the border of an element to Hex DF7B17 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
#DF7B17 }
```

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

```
.border{ border-color:#DF7B17 }
```

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

Here you see how a box with a 4 pixel #DF7B17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF7B17; -webkit-box-shadow:4px 4px  
4px 4px #DF7B17; box-shadow:4px 4px 4px  
4px #DF7B17 }
```

Background

The CSS property to change the background color of an element to Hex DF7B17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF7B17 }
```

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

```
.background{ background-color:#DF7B17 }
```

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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