

# Converting Colors

Hex(DF7407)

Have a look what the booklet for  
Hex(DF7407) contains.

<b>Hex(DF7407)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

**Color**

**Hex(DF7407)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DF7407
RGB	223, 116, 7
RGB Percent	87%, 45%, 3%
CMY	0.1255, 0.5451, 0.9725
CMYK	0.00, 0.48, 0.97, 0.13
HSL	30°, 94%, 45%
HSV	30°, 97%, 87%
XYZ	36.7152, 28.1941, 3.7079
YIQ	135.5670, 98.7610, -11.2150

# Conversions

## Conversions Part 2

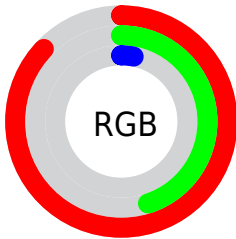
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 223, 7
Decimal	14644231
CIE <sub>Lab</sub>	60.06, 36.28, 66.32
CIE <sub>LCh</sub>	60, 75.594, 61.317
Yxy	28.1941, 0.5351, 0.4109
Android (android.graphics.Color)	4292834311 (0xFFDF7407)
YUV	135.5670, -63.3835, 76.6787
Hunter-Lab	53.0981, 30.5037, 33.0284

# Details

The Hex color **DF7407** 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 **0772DF**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FFA947**, and **A14200** is the 20% darker color. If you saturate the color by 10%, you get **DF7100**, and if you desaturate by 10%, it is **DF7F1D**.

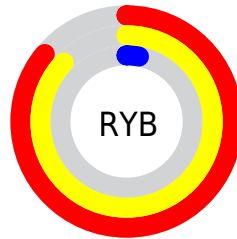
# Distribution



Red (87%)

Green (45%)

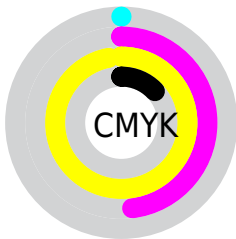
Blue (3%)



Red (86%)

Yellow (87%)

Blue (3%)

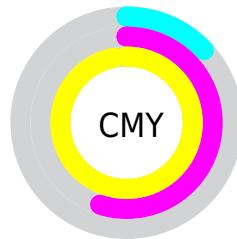


Cyan (0%)

Magenta (48%)

Yellow (97%)

Black (13%)



Cyan (13%)

Magenta (55%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF7407 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 DF7407 by changing the saturation by 10% instead.



DF7407

DF7407

FFFFFF

C05A00

FFA947

A14200

FFC562

822900

FFE17D

640E00

FFFE99

470000

FFFFB4

2F0002

FFFFD1

000000

FFFFEE

DF7407

DF7407

■ DF7100

■ DF7F1D

■ DF8A34

■ DF954A

■ DFA060

■ DFAB76

■ DFB68D

■ DFC1A3

■ DFCCB9

■ DFD7D0

# Harmonies

## Analogous

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



FF5450



DF7407



AB8F00

# Triad

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



DF7407



00AE92



907DFE

# Complementary

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



DF7407



0772DF

# 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.



0098FF



DF7407



00AED5

# Square

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



DF7407



00AA4C



00A8FF



E25BD2

# Rectangle

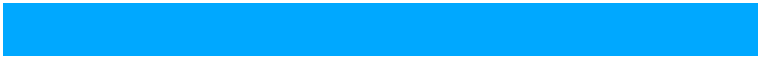
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DF7407



819C00



00A8FF



6088FF



# Sweetspot

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



DF7407



FFDAB5



DF0773



806953



000000



808080



# Same Dimension

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



DF7407



FF8100



DFDF07



706B65



B05900



301800



# Inverse Universe

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



0772DF



007EFF



0707DF



656B70



0057B0



001830



# Previews

## White Background



This preview shows how the Hex color DF7407 looks on a white background.

## Color Contrast Check

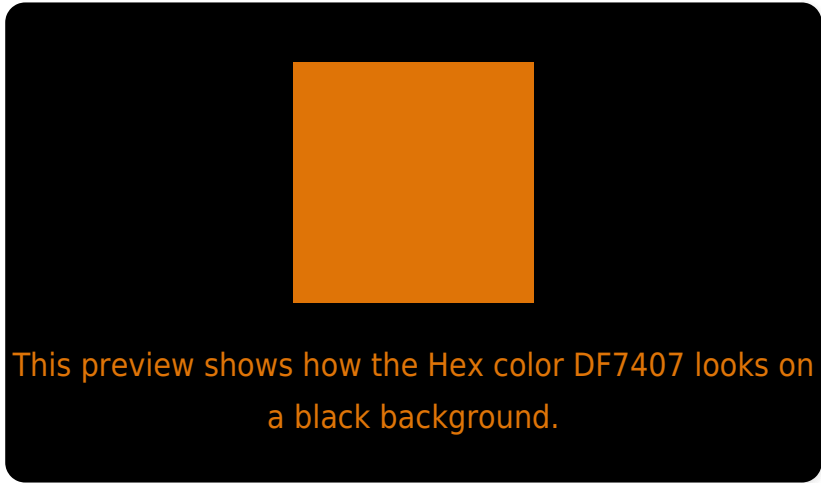
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF7407 Background



This preview shows how black text looks on a background with the Hex color DF7407.

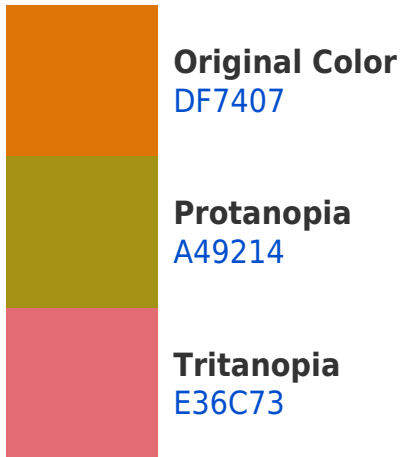


This preview shows how white text looks on a background with the Hex color DF7407.

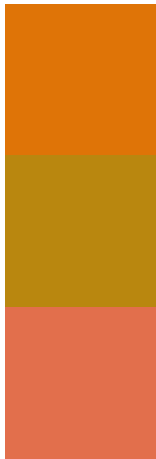
# Color Blindness Simulation

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



# Trichromacy



**Original Color**  
DF7407

**Protanomaly**  
B9870F

**Tritanomaly**  
E26F4C

# Monochromacy



**Original Color**  
DF7407

**Achromatopsia**  
888888

**Achromatomaly**  
A88159

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF7407 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 #DF7407 looks like.

```
.text, #text, p{  
    color:#DF7407  
}
```

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 #DF7407 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF7407
}
```

## Border

The CSS property to change the border of an element to Hex DF7407 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
#DF7407 }
```

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

```
.border{ border-color:#DF7407 }
```

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

Here you see how a box with a 4 pixel #DF7407 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF7407; -webkit-box-shadow:4px 4px  
4px 4px #DF7407; box-shadow:4px 4px 4px  
4px #DF7407 }
```

# Background

The CSS property to change the background color of an element to Hex DF7407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF7407 }
```

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

```
.background{ background-color:#DF7407 }
```

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