

Converting Colors

Hex(DF7222)

Have a look what the booklet for
Hex(DF7222) contains.

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Color

Hex(DF7222)

Conversions

Conversions Part 1

Format	Color
Hex	DF7222
RGB	223, 114, 34
RGB Percent	87%, 45%, 13%
CMY	0.1255, 0.5529, 0.8667
CMYK	0.00, 0.49, 0.85, 0.13
HSL	25°, 75%, 50%
HSV	25°, 85%, 87%
XYZ	36.7375, 27.8381, 4.9504
YIQ	137.4710, 90.6440, -1.7720

Conversions

Conversions Part 2

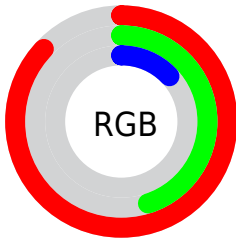
Format	Color
RYB	223, 173, 34
Decimal	14643746
CIELab	59.74, 37.74, 59.21
CIELCh	60, 70.214, 57.484
Yxy	27.8381, 0.5284, 0.4004
Android (android.graphics.Color)	4292833826 (0xFFDF7222)
YUV	137.4710, -51.0112, 75.0089
Hunter-Lab	52.7618, 31.9544, 31.3704

Details

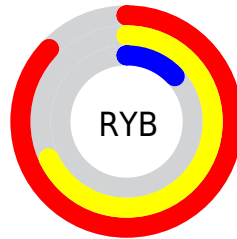
The Hex color **DF7222** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **228FDF**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFA757**, and **A13F00** is the 20% darker color. If you saturate the color by 10%, you get **DF650C**, and if you desaturate by 10%, it is **DF7F38**.

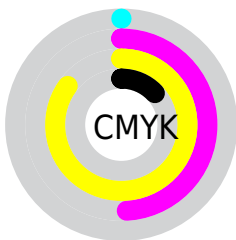
Distribution



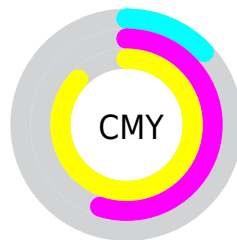
- Red (87%)
- Green (45%)
- Blue (13%)



- Red (87%)
- Yellow (68%)
- Blue (13%)



- Cyan (0%)
- Magenta (49%)
- Yellow (85%)
- Black (13%)



- Cyan (13%)
- Magenta (55%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF7222 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 DF7222 by changing the saturation by 10% instead.

 DF7222

 DF7222

FFFFFF

 C05800

 FFA757

 A13F00

 FFC371

 832600

 FFDF8C

 650A00

 FFFCA7

 480000

 FFFFC3

 300002

 FFFFDF

 000000

 FFFFFC

 DF7222

 DF7222

DF650C

DF7F38

DF5E00

DF8C4F

DF9965

DFA57B

DFB292

DFBFA8

DFCCBE

DFD9D4

DFE6EB

Harmonies

Analogous

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



FA575B



DF7222



B18B00

Triad

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



DF7222



00AB89



8282FE

Complementary

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



DF7222



228FDF

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



DF7222



00ACC7

Square

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



DF7222



00A749



00A6F8



D564D3

Rectangle

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



DF7222



8B9800



00A6F8



528BFF

Sweetspot

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



DF7222



FFDABF



DF2290



806959



000000



808080

Same Dimension

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



DF7222



FF6C00



DFCF22



706A65



B04A00



301500

Inverse Universe

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



228FDF



0093FF



2232DF



656B70



0065B0



001C30

Previews

White Background



This preview shows how the Hex color DF7222 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 DF7222 Background



This preview shows how black text looks on a background with the Hex color DF7222.



This preview shows how white text looks on a background with the Hex color DF7222.

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
DF7222

Protanopia
A2912A

Deuteranopia
B68915



Tritanopia
E26B72

Trichromacy



Original Color
DF7222

Protanomaly
B88627

Deuteranomaly
C5811A

Tritanomaly
E16E55

Monochromacy



Original Color
DF7222

Achromatopsia
898989

Achromatomaly
A88164

CSS Examples

Text

The CSS property to change the color of the text to Hex DF7222 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 #DF7222 looks like.

```
.text, #text, p{  
    color:#DF7222  
}
```

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 #DF7222 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF7222
}
```

Border

The CSS property to change the border of an element to Hex DF7222 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
#DF7222 }
```

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

```
.border{ border-color:#DF7222 }
```

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

Here you see how a box with a 4 pixel #DF7222 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF7222; -webkit-box-shadow:4px 4px  
4px 4px #DF7222; box-shadow:4px 4px 4px  
4px #DF7222 }
```

Background

The CSS property to change the background color of an element to Hex DF7222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF7222 }
```

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

```
.background{ background-color:#DF7222 }
```

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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