

Converting Colors

Hex(DF7200)

Have a look what the booklet for
Hex(DF7200) contains.

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Color

Hex(DF7200)

Conversions

Conversions Part 1

Format	Color
Hex	DF7200
RGB	223, 114, 0
RGB Percent	87%, 45%, 0%
CMY	0.1255, 0.5529, 1.0000
CMYK	0.00, 0.49, 1.00, 0.13
HSL	31°, 100%, 44%
HSV	31°, 100%, 87%
XYZ	36.4487, 27.7226, 3.4299
YIQ	133.5950, 101.5580, -12.3460

Conversions

Conversions Part 2

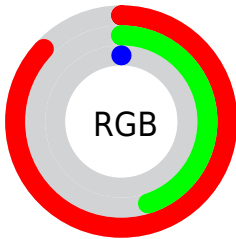
Format	Color
R_{YB}	213, 223, 0
Decimal	14643712
CIE _{Lab}	59.64, 37.24, 67.24
CIE _{LCh}	60, 76.867, 61.024
Yxy	27.7226, 0.5392, 0.4101
Android (android.graphics.Color)	4292833792 (0xFFDF7200)
YUV	133.5950, -65.8623, 78.4082
Hunter-Lab	52.6523, 31.4259, 32.9942

Details

The Hex color **DF7200** 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 **006DDF**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FFA744**, and **A13F00** is the 20% darker color. If you saturate the color by 10%, you get **DF7200**, and if you desaturate by 10%, it is **DF7D16**.

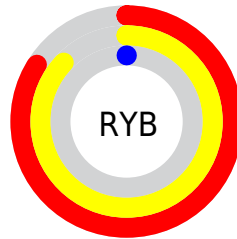
Distribution



Red (87%)

Green (45%)

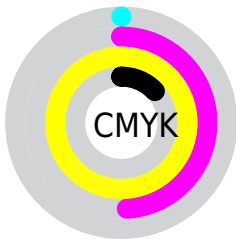
Blue (0%)



Red (84%)

Yellow (87%)

Blue (0%)

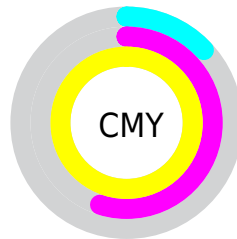


Cyan (0%)

Magenta (49%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF7200 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 DF7200 by changing the saturation by 10% instead.

 DF7200

 DF7200

FFFFFF

 BF5800

 FFA744

 A13F00

 FFC35F

 822700

 FFDF7A

 640A00

 FFFC95

 470000

 FFFFB1

 2F0002

 FFFFCE

 000000

 FFFFEB

 DF7200

 DF7D16

 DF882D

 DF9343

 DF9E59

 DFA970

 DFB386

 DFBE9C

 DFC9B2

 DFD4C9

Harmonies

Analogous

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



FF504E



DF7200



AB8E00

Triad

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



DF7200



00AD90



8D7CFF

Complementary

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



DF7200



006DDF

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



DF7200



00ADD4

Square

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



DF7200



00A949



00A7FF



E158D2

Rectangle

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



DF7200



809A00



00A7FF



5A87FF

Sweetspot

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



DF7200



FFDAB3



DF0070



806952



000000



808080

Same Dimension

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



DF7200



FF8200



DFDF00



706B65



B05A00



301900

Inverse Universe

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



006DDF



007DFF



0000DF



656A70



0056B0



001830

Previews

White Background



This preview shows how the Hex color DF7200 looks on a white background.

Color Contrast Check

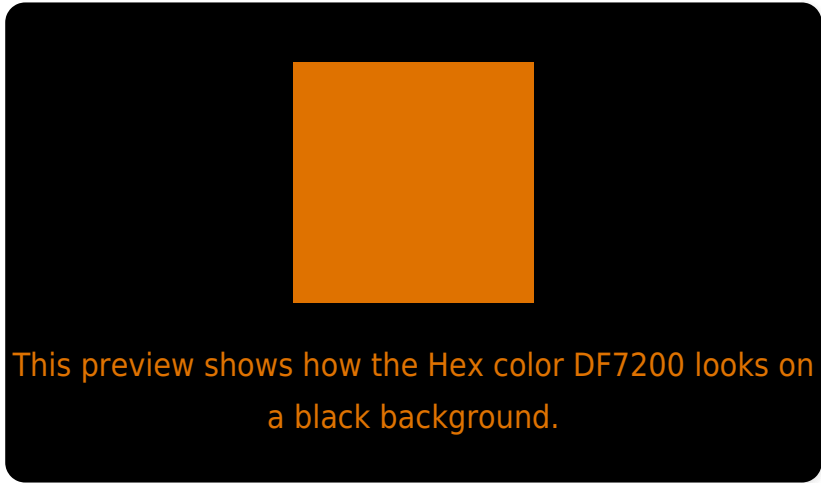
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF7200 Background



This preview shows how black text looks on a background with the Hex color DF7200.

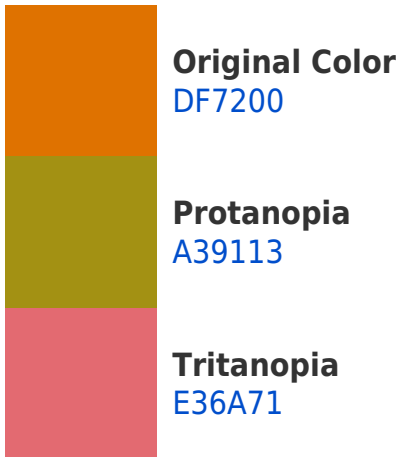


This preview shows how white text looks on a background with the Hex color DF7200.

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
DF7200

Protanomaly
B9860C

Tritanomaly
E26D48

Monochromacy



Original Color
DF7200

Achromatopsia
868686

Achromatomaly
A67F55

CSS Examples

Text

The CSS property to change the color of the text to Hex DF7200 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 #DF7200 looks like.

```
.text, #text, p{  
    color:#DF7200  
}
```

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 #DF7200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF7200
}
```

Border

The CSS property to change the border of an element to Hex DF7200 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
#DF7200 }
```

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

```
.border{ border-color:#DF7200 }
```

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

Here you see how a box with a 4 pixel #DF7200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF7200; -webkit-box-shadow:4px 4px  
4px 4px #DF7200; box-shadow:4px 4px 4px  
4px #DF7200 }
```

Background

The CSS property to change the background color of an element to Hex DF7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF7200 }
```

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

```
.background{ background-color:#DF7200 }
```

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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