

Converting Colors

Hex(DF0000)

Have a look what the booklet for
Hex(DF0000) contains.

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Color

Hex(DF0000)

Conversions

Conversions Part 1

Format	Color
Hex	DF0000
RGB	223, 0, 0
RGB Percent	87%, 0%, 0%
CMY	0.1255, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.13
HSL	0°, 100%, 44%
HSV	0°, 100%, 87%
XYZ	30.4314, 15.6880, 1.4242
YIQ	66.6770, 132.9080, 47.2760

Conversions

Conversions Part 2

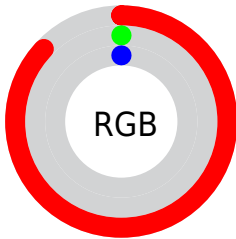
Format	Color
RYB	223, 0, 0
Decimal	14614528
CIELab	46.56, 72.39, 60.74
CIELCh	47, 94.500, 40.000
Yxy	15.6880, 0.6401, 0.3300
Android (android.graphics.Color)	4292804608 (0xFFDF0000)
YUV	66.6770, -32.8718, 137.0953
Hunter-Lab	39.6080, 67.8300, 25.5938

Details

The Hex color **DF0000** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **00DFDF**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **FF5937**, and **9D0000** is the 20% darker color. If you saturate the color by 10%, you get **DF0000**, and if you desaturate by 10%, it is **DF1616**.

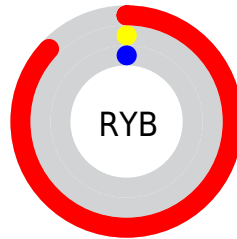
Distribution



Red (87%)

Green (0%)

Blue (0%)



Red (87%)

Yellow (0%)

Blue (0%)

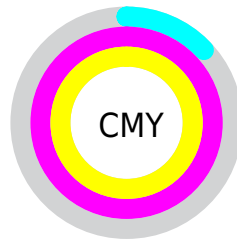


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF0000 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 DF0000 by changing the saturation by 10% instead.

 DF0000

 DF0000

 FFFFF2

 BE0000

 FF5937

 9D0000

 FF7850

 7C0000

 FF9569

 5D0002

 FFB383

 3F0003

 FFD19E

 1C0001

 FFEFBA

 000000

 FFFFD6

 DF0000

 DF1616

 DF2D2D

 DF4343

 DF5959

 DF7070

 DF8686

 DF9C9C

 DFB2B2

 DFC9C9

Harmonies

Analogous

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



F10058



DF0000



B15500

Triad

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



DF0000



008A33



0072FF

Complementary

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



DF0000



00DFDF

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.



0086FF



DF0000



008D88

Square

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



DF0000



008300



008DD4



8946EA

Rectangle

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



DF0000



876C00



008DD4



007BFF

Sweetspot

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



DF0000



FFB3B3



DF00DF



805252



000000



808080

Same Dimension

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



DF0000



FF0000



DF7000



706565



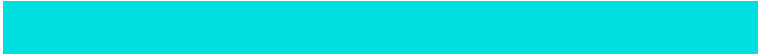
B00000



300000

Inverse Universe

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



00DFDF



00FFFF



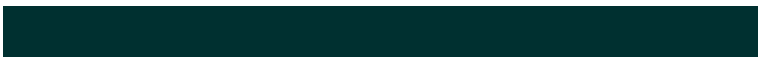
0070DF



657070



00B0B0



003030

Previews

White Background



This preview shows how the Hex color DF0000 looks on a white background.

Color Contrast Check

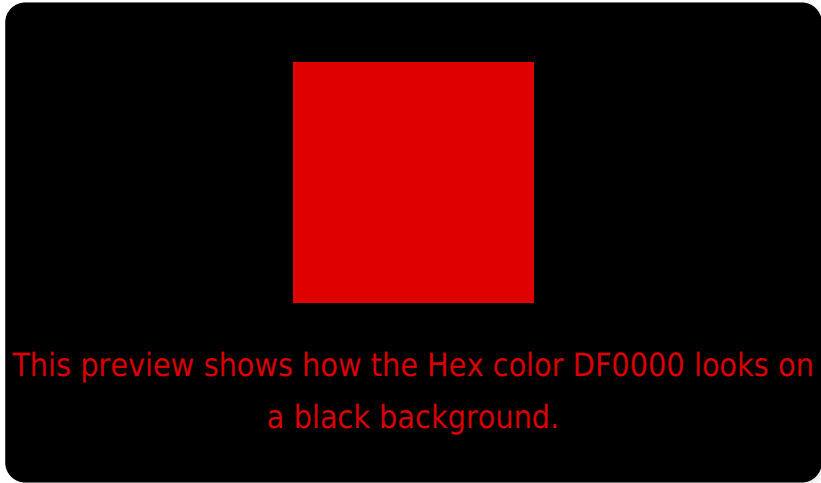
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DF0000 Background



This preview shows how black text looks on a background with the Hex color DF0000.



This preview shows how white text looks on a background with the Hex color DF0000.

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
DF0000

Protanopia
7E711D

Deuteranopia
8E6B00



Tritanopia
DD1500

Trichromacy



Original Color
DF0000



Protanomaly
A14812



Deuteranomaly
AB4400



Tritanomaly
DE0D00

Monochromacy



Original Color
DF0000



Achromatopsia
434343



Achromatomaly
7C2B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex DF0000 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 #DF0000 looks like.

```
.text, #text, p{
  color:#DF0000
}
```

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 #DF0000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF0000
}
```

Border

The CSS property to change the border of an element to Hex DF0000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

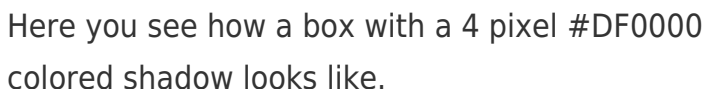
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DF0000 }
```

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

```
.border{ border-color:#DF0000 }
```

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



Here you see how a box with a 4 pixel `#DF0000` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF0000; -webkit-box-shadow:4px 4px  
4px 4px #DF0000; box-shadow:4px 4px 4px  
4px #DF0000 }
```

Background

The CSS property to change the background color of an element to Hex DF0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF0000 }
```

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

```
.background{ background-color:#DF0000 }
```

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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