

# Converting Colors

Hex(DF0100)

Have a look what the booklet for  
Hex(DF0100) contains.

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**Color**

**Hex(DF0100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF0100
RGB	223, 1, 0
RGB Percent	87%, 0%, 0%
CMY	0.1255, 0.9961, 1.0000
CMYK	0.00, 1.00, 1.00, 0.13
HSL	0°, 100%, 44%
HSV	0°, 100%, 87%
XYZ	30.4423, 15.7097, 1.4278
YIQ	67.2640, 132.6330, 46.7530

# Conversions

## Conversions Part 2

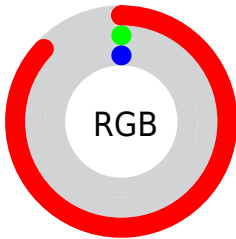
<b>Format</b>	<b>Color</b>
<b>RYB</b>	223, 1, 0
Decimal	14614784
CIELab	46.59, 72.31, 60.75
CIELCh	47, 94.442, 40.037
Yxy	15.7097, 0.6398, 0.3302
Android (android.graphics.Color)	4292804864 (0xFFDF0100)
YUV	67.2640, -33.1612, 136.5805
Hunter-Lab	39.6354, 67.7361, 25.6090

# Details

The Hex color **DF0100** 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 **00DEDF**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **FF5A37**, and **9D0000** is the 20% darker color. If you saturate the color by 10%, you get **DF0100**, and if you desaturate by 10%, it is **DF1716**.

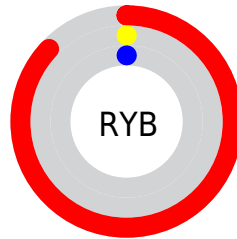
# Distribution



Red (87%)

Green (0%)

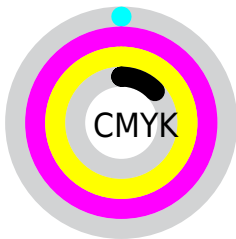
Blue (0%)



Red (87%)

Yellow (0%)

Blue (0%)

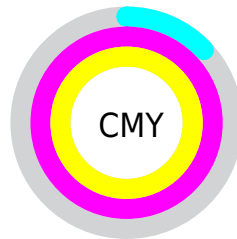


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (100%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF0100 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 DF0100 by changing the saturation by 10% instead.



 DF0100

 DF0100

 FFFFF3

 BE0000

 FF5A37

 9D0000

 FF7850

 7C0000

 FF9669

 5D0002

 FFB383

 3F0003

 FFD19E

 1C0001

 FFEFBA

 000000

 FFFFD6

 DF0100

 DF1716

 DF2D2D

 DF4443

 DF5A59

 DF7070

 DF8686

 DF9C9C

 DFB3B2

 DFC9C9

# Harmonies

## Analogous

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



F10058



DF0100



B15500

# Triad

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



DF0100



008A33



0072FF

# Complementary

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



DF0100



00DEDF

# 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



DF0100



008D88

# Square

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



DF0100



008300



008DD4



8946EA

# Rectangle

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



DF0100



876C00



008DD4



007BFF



# Sweetspot

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



DF0100



FFB3B3



DF00DF



805252



000000



808080



# Same Dimension

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



DF0100



FF0100



DF7000



706565



B00100



300000



# Inverse Universe

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



00DEDF



00FEFF



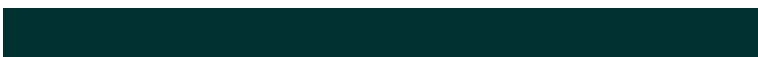
0070DF



657070



00AFB0



003030



# Previews

## White Background



This preview shows how the Hex color DF0100 looks on a white background.

## Color Contrast Check

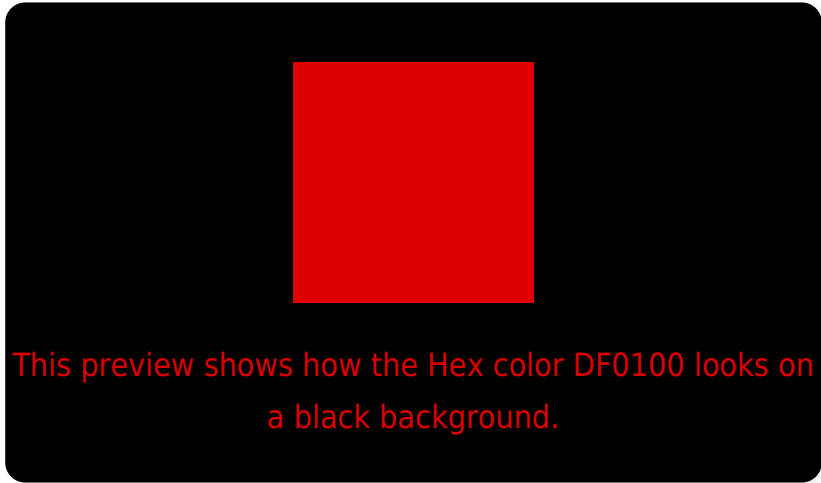
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF0100 Background



This preview shows how black text looks on a background with the Hex color DF0100.



This preview shows how white text looks on a background with the Hex color DF0100.

# 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**  
DF0100

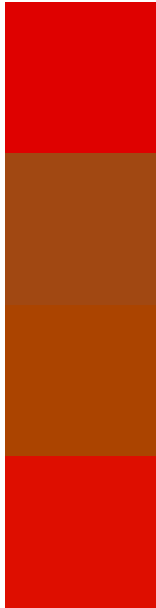
**Protanopia**  
7E711D

**Deuteranopia**  
8E6B00



**Tritanopia**  
DD1500

# Trichromacy



**Original Color**  
DF0100

**Protanomaly**  
A14812

**Deuteranomaly**  
AB4400

**Tritanomaly**  
DE0E00

# Monochromacy



**Original Color**  
DF0100

**Achromatopsia**  
434343

**Achromatomaly**  
7C2B2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF0100 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 #DF0100 looks like.

```
.text, #text, p{  
    color:#DF0100  
}
```

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 #DF0100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF0100
}
```

## Border

The CSS property to change the border of an element to Hex DF0100 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".

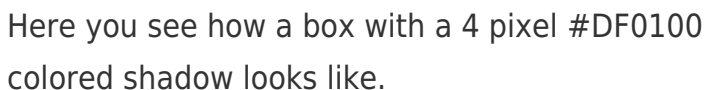
```
.border, #border, table{ border:4px solid
#DF0100 }
```

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

```
.border{ border-color:#DF0100 }
```

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

Here you see how a box with a 4 pixel #DF0100 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF0100; -webkit-box-shadow:4px 4px  
4px 4px #DF0100; box-shadow:4px 4px 4px  
4px #DF0100 }
```

# Background

The CSS property to change the background color of an element to Hex DF0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF0100 }
```

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

```
.background{ background-color:#DF0100 }
```

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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