

Converting Colors

Hex(DF1F00)

Have a look what the booklet for
Hex(DF1F00) contains.

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Color

Hex(DF1F00)

Conversions

Conversions Part 1

Format	Color
Hex	DF1F00
RGB	223, 31, 0
RGB Percent	87%, 12%, 0%
CMY	0.1255, 0.8784, 1.0000
CMYK	0.00, 0.86, 1.00, 0.13
HSL	8°, 100%, 44%
HSV	8°, 100%, 87%
XYZ	30.9214, 16.6679, 1.5875
YIQ	84.8740, 124.3830, 31.0630

Conversions

Conversions Part 2

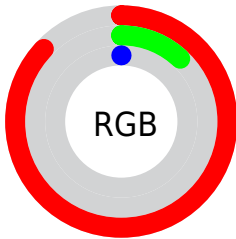
Format	Color
R_{YB}	223, 36, 0
Decimal	14622464
CIE _{Lab}	47.84, 68.72, 61.21
CIE _{LCh}	48, 92.023, 41.693
Yxy	16.6679, 0.6288, 0.3389
Android (android.graphics.Color)	4292812544 (0xFFDF1F00)
YUV	84.8740, -41.8429, 121.1365
Hunter-Lab	40.8264, 63.7475, 26.2730

Details

The Hex color **DF1F00** 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 **00C0DF**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF6338**, and **9D0000** is the 20% darker color. If you saturate the color by 10%, you get **DF1F00**, and if you desaturate by 10%, it is **DF3216**.

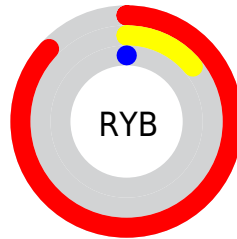
Distribution



Red (87%)

Green (12%)

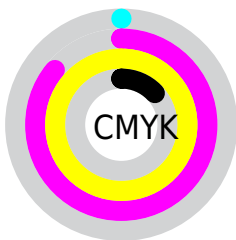
Blue (0%)



Red (87%)

Yellow (14%)

Blue (0%)

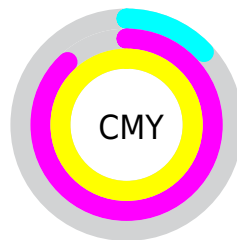


Cyan (0%)

Magenta (86%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (88%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF1F00 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 DF1F00 by changing the saturation by 10% instead.

 DF1F00

 DF1F00

 FFFFF5

 BE0000

 FF6338

 9D0000

 FF8151

 7D0000

 FF9E6B

 5E0001

 FFBB85

 410003

 FFD9A0

 1E0001

 FFF7BC

 000000

 FFFFD8

 DF1F00

 DF3216

 DF452D

 DF5943

 DF6C59

 DF7F70

 DF9286

 DFA59C

 DFB9B2

 DFCCC9

Harmonies

Analogous

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



F30058



DF1F00



B05B00

Triad

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



DF1F00



008D3C



0073FF

Complementary

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



DF1F00



00C0DF

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.



0088FF



DF1F00



00908F

Square

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



DF1F00



008700



008FD9



9348E8

Rectangle

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



DF1F00



877100



008FD9



007CFF

Sweetspot

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



DF1F00



FFBDB3



DF00C1



805852



000000



808080

Same Dimension

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



DF1F00



FF2300



DF8D00



706765



B01800



300700

Inverse Universe

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



00C0DF



00DCFF



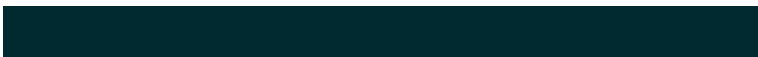
0052DF



656F70



0097B0



002A30

Previews

White Background



This preview shows how the Hex color DF1F00 looks on a white background.

Color Contrast Check

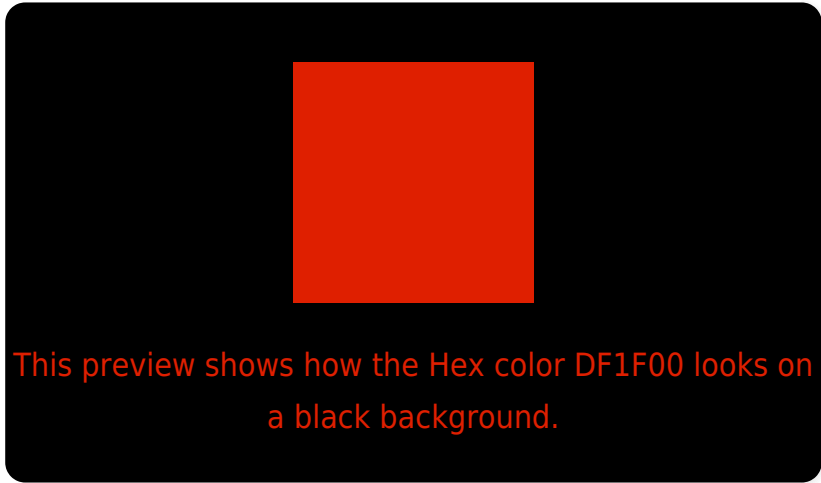
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF1F00 Background



This preview shows how black text looks on a background with the Hex color DF1F00.



This preview shows how white text looks on a background with the Hex color DF1F00.

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
DF1F00

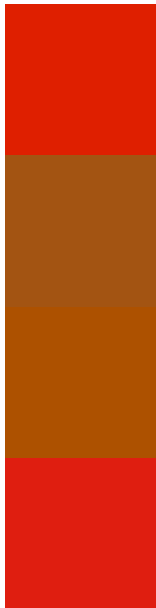
Protanopia
81731C

Deuteranopia
906D00



Tritanopia
DF1E19

Trichromacy



Original Color
DF1F00

Protanomaly
A35412

Deuteranomaly
AD5100

Tritanomaly
DF1E10

Monochromacy



Original Color
DF1F00

Achromatopsia
555555

Achromatomaly
874136

CSS Examples

Text

The CSS property to change the color of the text to Hex DF1F00 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 #DF1F00 looks like.

```
.text, #text, p{  
    color:#DF1F00  
}
```

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 #DF1F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF1F00  
}
```

Border

The CSS property to change the border of an element to Hex DF1F00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

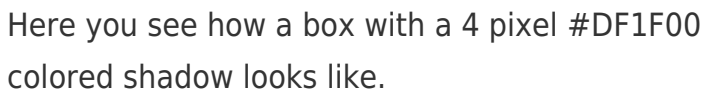
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#DF1F00 }
```

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

```
.border{ border-color:#DF1F00 }
```

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



Here you see how a box with a 4 pixel #DF1F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF1F00; -webkit-box-shadow:4px 4px  
4px 4px #DF1F00; box-shadow:4px 4px 4px  
4px #DF1F00 }
```

Background

The CSS property to change the background color of an element to Hex DF1F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF1F00 }
```

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

```
.background{ background-color:#DF1F00 }
```

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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