

Converting Colors

Hex(001DF3)

Have a look what the booklet for
Hex(001DF3) contains.

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Color

Hex(001DF3)

Conversions

Conversions Part 1

Format	Color
Hex	001DF3
RGB	0, 29, 243
RGB Percent	0%, 11%, 95%
CMY	1.0000, 0.8863, 0.0471
CMYK	1.00, 0.88, 0.00, 0.05
HSL	233°, 100%, 48%
HSV	233°, 100%, 95%
XYZ	16.6170, 7.3498, 85.3369
YIQ	44.7250, -85.9780, 60.4060

Conversions

Conversions Part 2

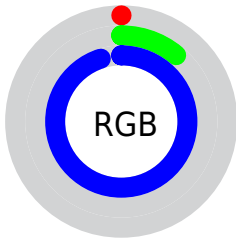
Format	Color
R_{YB}	0, 26, 243
Decimal	7667
CIE _{Lab}	32.59, 70.14, -100.62
CIE _{LCh}	33, 122.655, 304.879
Yxy	7.3498, 0.1520, 0.0672
Android (android.graphics.Color)	4278197747 (0xFF001DF3)
YUV	44.7250, 97.7496, -39.2238
Hunter-Lab	27.1105, 61.9658, -167.6522

Details

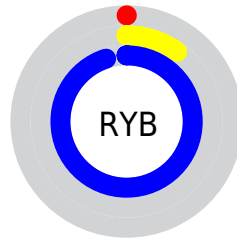
The Hex color **001DF3** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **F3D600**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7553FF**, and **0000B9** is the 20% darker color. If you saturate the color by 10%, you get **001DF3**, and if you desaturate by 10%, it is **1832F3**.

Distribution



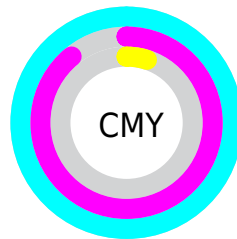
- Red (0%)
- Green (11%)
- Blue (95%)



- Red (0%)
- Yellow (10%)
- Blue (95%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (89%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001DF3 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 001DF3 by changing the saturation by 10% instead.

 001DF3

 001DF3

FFFFFF

 0000D6

 7553FF

 0000B9

 986DFF

 00009D

 B988FF

 000082

 DAA4FF

 001067

 FBC0FF

 000A4E

 FFDCFF

 000536


 FFF9FF

 000220

 000004

 001DF3

 1832F3

 3148F3

 495DF3

 6173F3

 7988F3

 929DF3

 AAB3F3

 C2C8F3

 DBDEF3

Harmonies

Analogous

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



005DFF



001DF3



C000A2

Triad

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



001DF3



9B1200



00685B

Complementary

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



001DF3



F3D600

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.



006500



001DF3



505000

Square

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



001DF3



CF0000



006000



006CBD

Rectangle

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



001DF3



DE0062



006000



006739

Sweetspot

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



001DF3



B3BCFF



00F3D3



525780



000000



808080

Same Dimension

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



001DF3



001EFF



5900F3



6E707A



0016BA



00073B

Inverse Universe

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



F3001D



FF001E



9AF300



7A6E70



BA0016



3B0007

Previews

White Background



This preview shows how the Hex color 001DF3 looks on a white background.

Color Contrast Check

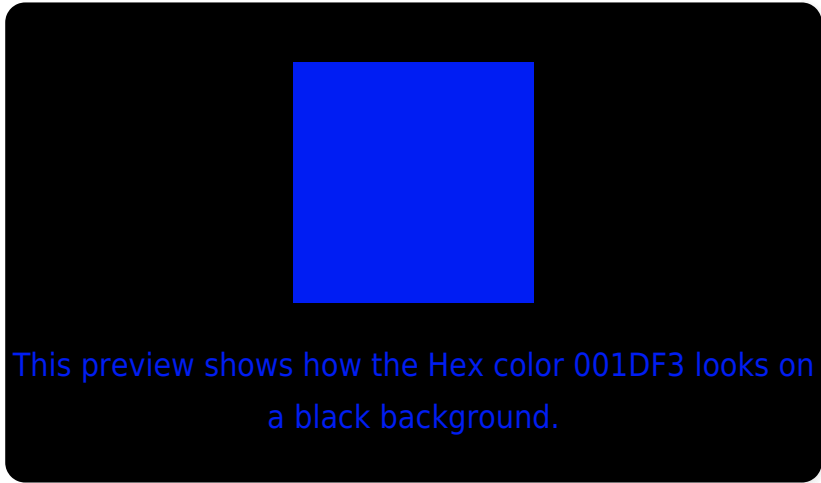
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 001DF3 Background



This preview shows how black text looks on a background with the Hex color 001DF3.



This preview shows how white text looks on a background with the Hex color 001DF3.

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
001DF3

Protanopia
004A9B

Deuteranopia
004F83

Trichromacy



Original Color

001DF3

Protanomaly

003ABB

Deuteranomaly

003DAC

Tritanomaly

004191

Monochromacy



Original Color

001DF3

Achromatopsia

2D2D2D

Achromatomaly

1D2775

CSS Examples

Text

The CSS property to change the color of the text to Hex 001DF3 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 #001DF3 looks like.

```
.text, #text, p{  
    color:#001DF3  
}
```

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 #001DF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001DF3
}
```

Border

The CSS property to change the border of an element to Hex 001DF3 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
#001DF3 }
```

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

```
.border{ border-color:#001DF3 }
```

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

Here you see how a box with a 4 pixel #001DF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001DF3; -webkit-box-shadow:4px 4px  
4px 4px #001DF3; box-shadow:4px 4px 4px  
4px #001DF3 }
```

Background

The CSS property to change the background color of an element to Hex 001DF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001DF3 }
```

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

```
.background{ background-color:#001DF3 }
```

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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