

Converting Colors

Hex(000DF2)

Have a look what the booklet for
Hex(000DF2) contains.

Hex(000DF2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(000DF2)

Conversions

Conversions Part 1

Format	Color
Hex	000DF2
RGB	0, 13, 242
RGB Percent	0%, 5%, 95%
CMY	1.0000, 0.9490, 0.0510
CMYK	1.00, 0.95, 0.00, 0.05
HSL	237°, 100%, 47%
HSV	237°, 100%, 95%
XYZ	16.1709, 6.6987, 84.4451
YIQ	35.2190, -81.2570, 68.4630

Conversions

Conversions Part 2

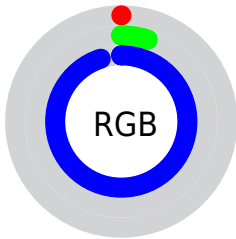
Format	Color
RYB	0, 12, 242
Decimal	3570
CIELab	31.11, 73.99, -102.53
CIElCh	31, 126.439, 305.818
Yxy	6.6987, 0.1507, 0.0624
Android (android.graphics.Color)	4278193650 (0xFF000DF2)
YUV	35.2190, 101.9430, -30.8871
Hunter-Lab	25.8818, 66.2338, -175.3298

Details

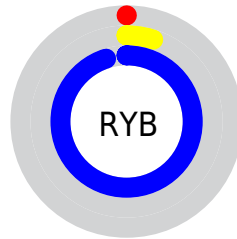
The Hex color **000DF2** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **F2E500**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **754AFF**, and **0000B8** is the 20% darker color. If you saturate the color by 10%, you get **000DF2**, and if you desaturate by 10%, it is **1824F2**.

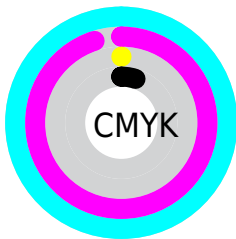
Distribution



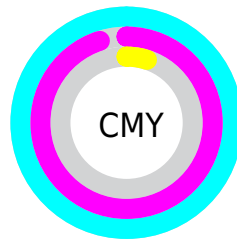
- Red (0%)
- Green (5%)
- Blue (95%)



- Red (0%)
- Yellow (5%)
- Blue (95%)



- Cyan (100%)
- Magenta (95%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (95%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000DF2 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 000DF2 by changing the saturation by 10% instead.

 000DF2

 000DF2

FFFFFF

 0000D5

 754AFF

 0000B8

 9865FF

 00009C

 BA80FF

 000081

 DB9CFF

 001066


 FCB8FF

 000A4D

 FFD4FF

 000535

 FFF2FF

 00021F


 000002

 000DF2

 1824F2

 303BF2

 4952F2

 6169F2

 7980F2

 9196F2

 A9ADF2

 C2C4F2

 DADBF2

Harmonies

Analogous

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



005AFF



000DF2



C1009D

Triad

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



000DF2



960C00



00645C

Complementary

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



000DF2



F2E500

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.



006200



000DF2



494D00

Square

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



000DF2



CB0000



005D00



0068C0

Rectangle

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



000DF2



DD005C



005D00



006338

Sweetspot

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



000DF2



B3B7FF



00F2E2



525480



000000



808080

Same Dimension

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



000DF2



000EFF



6900F2



6C6D78



000AB8



000338

Inverse Universe

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



F2000D



FF000E



89F200



786C6D



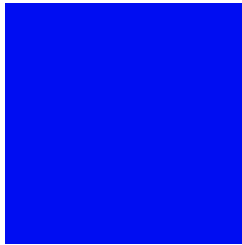
B8000A



380003

Previews

White Background



This preview shows how the Hex color 000DF2 looks on a white background.

Color Contrast Check

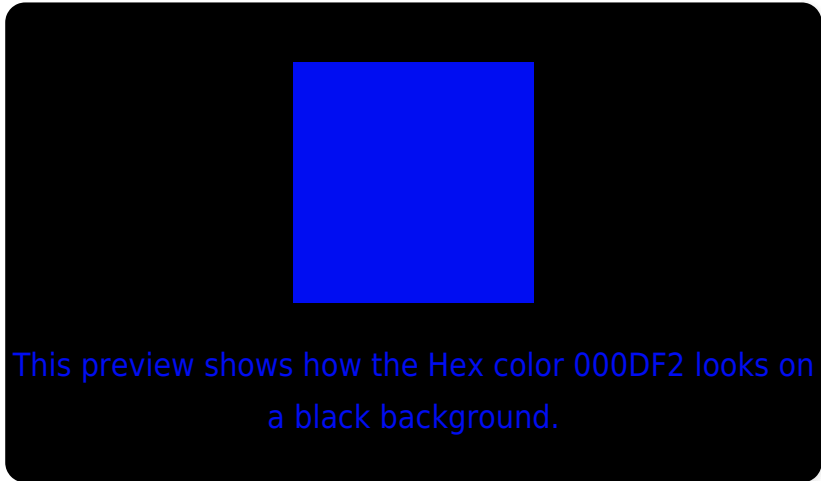
Large Text (above 18pt) WCAG AA ✓ Pass

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

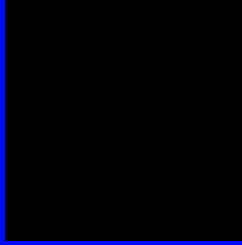
Any Text WCAG AA × Fail

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 000DF2 Background



This preview shows how black text looks on a background with the Hex color 000DF2.



This preview shows how white text looks on a background with the Hex color 000DF2.

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
000DF2

Protanopia
004795

Deuteranopia
004C7E

Trichromacy



Original Color
000DF2

Protanomaly
0032B7

Deuteranomaly
0035A8

Tritanomaly
00398F

Monochromacy



Original Color
000DF2

Achromatopsia
232323

Achromatomaly
161B6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 000DF2 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 #000DF2 looks like.

```
.text, #text, p{  
    color:#000DF2  
}
```

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 #000DF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000DF2
}
```

Border

The CSS property to change the border of an element to Hex 000DF2 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
#000DF2 }
```

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

```
.border{ border-color:#000DF2 }
```

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

Here you see how a box with a 4 pixel #000DF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000DF2; -webkit-box-shadow:4px 4px  
4px 4px #000DF2; box-shadow:4px 4px 4px  
4px #000DF2 }
```

Background

The CSS property to change the background color of an element to Hex 000DF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000DF2 }
```

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

```
.background{ background-color:#000DF2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor