

Converting Colors

Hex(040DF2)

Have a look what the booklet for
Hex(040DF2) contains.

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Color

Hex(040DF2)

Conversions

Conversions Part 1

Format	Color
Hex	040DF2
RGB	4, 13, 242
RGB Percent	2%, 5%, 95%
CMY	0.9843, 0.9490, 0.0510
CMYK	0.98, 0.95, 0.00, 0.05
HSL	238°, 97%, 48%
HSV	238°, 98%, 95%
XYZ	16.2210, 6.7245, 84.4474
YIQ	36.4150, -78.8730, 69.3110

Conversions

Conversions Part 2

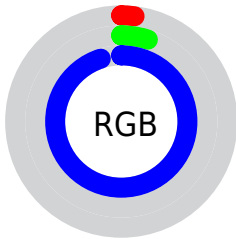
Format	Color
RYB	4, 13, 242
Decimal	265714
CIELab	31.17, 74.02, -102.43
CIElCh	31, 126.371, 305.854
Yxy	6.7245, 0.1510, 0.0626
Android (android.graphics.Color)	4278455794 (0xFF040DF2)
YUV	36.4150, 101.3534, -28.4280
Hunter-Lab	25.9316, 66.2771, -174.9286

Details

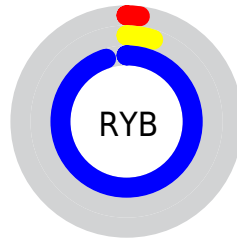
The Hex color **040DF2** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **F2E904**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **764AFF**, and **0000B8** is the 20% darker color. If you saturate the color by 10%, you get **0009F2**, and if you desaturate by 10%, it is **1C24F2**.

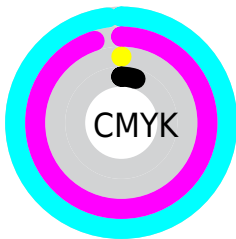
Distribution



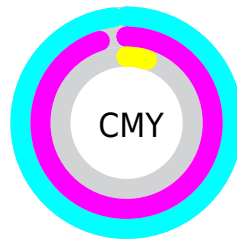
- Red (2%)
- Green (5%)
- Blue (95%)



- Red (2%)
- Yellow (5%)
- Blue (95%)



- Cyan (98%)
- Magenta (95%)
- Yellow (0%)
- Black (5%)



- Cyan (98%)
- Magenta (95%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 040DF2 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 040DF2 by changing the saturation by 10% instead.

 040DF2

 040DF2

FFFFFF

 0000D5

 764AFF

 0000B8

 9965FF

 00009C

 BB80FF

 000081

 DB9CFF

 001066


 FCB8FF

 000A4D

 FFD5FF

 000535

 FFF2FF

 00021F

 000002

■ 040DF2

■ 040DF2

■ 0009F2

■ 1C24F2

■ 343CF2

■ 4D53F2

■ 656AF2

■ 7D81F2

■ 9599F2

■ ADB0F2

■ C6C7F2

■ DEDFF2

Harmonies

Analogous

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



005AFF



040DF2



C1009D

Triad

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



040DF2



960D00



00655C

Complementary

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



040DF2



F2E904

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



040DF2



494E00

Square

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



040DF2



CC0000



005D00



0068C0

Rectangle

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



040DF2



DE005C



005D00



006439

Sweetspot

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



040DF2



B3B5FF



04F2E6



525380



000000



808080

Same Dimension

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



040DF2



000AFF



6F04F2



6C6C78



0007B8



000238

Inverse Universe

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



F2040D



FF000A



87F204



786C6C



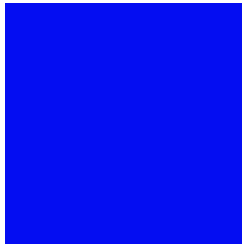
B80007



380002

Previews

White Background



This preview shows how the Hex color 040DF2 looks on a white background.

Color Contrast Check

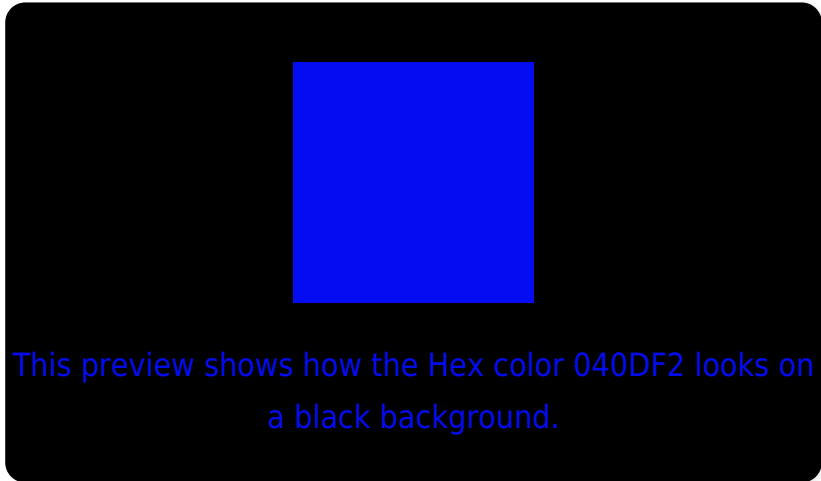
Large Text (above 18pt) WCAG AA ✓ Pass

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 040DF2 Background



This preview shows how black text looks on a background with the Hex color 040DF2.



This preview shows how white text looks on a background with the Hex color 040DF2.

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
040DF2

Protanopia
004795

Deuteranopia
004C7E

Trichromacy



Original Color
040DF2

Protanomaly
0132B7

Deuteranomaly
0135A8

Monochromacy



Original Color
040DF2

Achromatopsia
242424

Achromatomaly
181C6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 040DF2 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 #040DF2 looks like.

```
.text, #text, p{  
    color:#040DF2  
}
```

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 #040DF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #040DF2
}
```

Border

The CSS property to change the border of an element to Hex 040DF2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

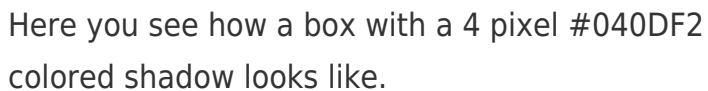
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#040DF2 }
```

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

```
.border{ border-color:#040DF2 }
```

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



Here you see how a box with a 4 pixel #040DF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #040DF2; -webkit-box-shadow:4px 4px  
4px 4px #040DF2; box-shadow:4px 4px 4px  
4px #040DF2 }
```

Background

The CSS property to change the background color of an element to Hex 040DF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#040DF2 }
```

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

```
.background{ background-color:#040DF2 }
```

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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