

Converting Colors

Hex(0D00F1)

Have a look what the booklet for
Hex(0D00F1) contains.

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Color

Hex(0D00F1)

Conversions

Conversions Part 1

Format	Color
Hex	0D00F1
RGB	13, 0, 241
RGB Percent	5%, 0%, 95%
CMY	0.9490, 1.0000, 0.0549
CMYK	0.95, 1.00, 0.00, 0.05
HSL	243°, 100%, 47%
HSV	243°, 100%, 95%
XYZ	16.0432, 6.4364, 83.6159
YIQ	31.3610, -69.6130, 77.7070

Conversions

Conversions Part 2

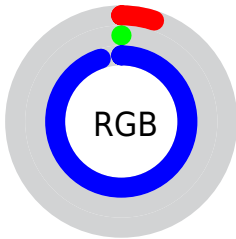
Format	Color
RYB	13, 0, 241
Decimal	852209
CIELab	30.49, 75.95, -103.00
CIELCh	30, 127.971, 306.403
Yxy	6.4364, 0.1512, 0.0607
Android (android.graphics.Color)	4279042289 (0xFF0D00F1)
YUV	31.3610, 103.3520, -16.1026
Hunter-Lab	25.3701, 68.4792, -177.6512

Details

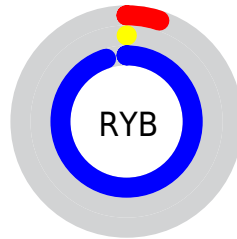
The Hex color **0D00F1** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **E4F100**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **7746FF**, and **0000B7** is the 20% darker color. If you saturate the color by 10%, you get **0D00F1**, and if you desaturate by 10%, it is **2418F1**.

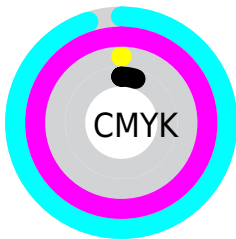
Distribution



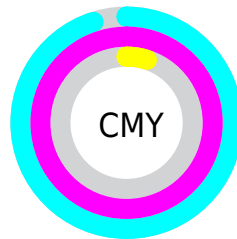
- Red (5%)
- Green (0%)
- Blue (95%)



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



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




















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

Brightness & Saturation Gradients

These gradients show how the Hex color 0D00F1 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 0D00F1 by changing the saturation by 10% instead.

 0D00F1	 0D00F1
 FFFFFFFF	 0000D4
 7746FF	 0000B7
 9A61FF	 00009B
 BC7CFF	 000080
 DD98FF	 001065
 FDB4FF	 00094C
 FFD1FF	 000535
 FFEEFF	 00021E
	 000001

 0D00F1

 2418F1

 3B30F1

 5148F1

 6860F1

 7F78F1

 9691F1

 ADA9F1

 C3C1F1

 DAD9F1

Harmonies

Analogous

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



0058FF



0D00F1



C2009B

Triad

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



0D00F1



930B00



00635C

Complementary

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



0D00F1



E4F100

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.



006000



0D00F1



454D00

Square

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



0D00F1



CA0000



005C00



0067C1

Rectangle

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



0D00F1



DD0059



005C00



006239

Sweetspot

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



0D00F1



B7B3FF



00E5F1



545280



000000



808080

Same Dimension

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



0D00F1



0E00FF



8500F1



6D6C78



0A00B8



030038

Inverse Universe

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



F100E4



FF00F1



6CF100



786C77



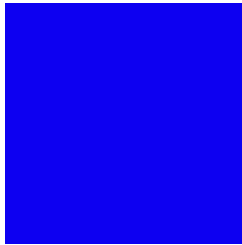
B800AE



380035

Previews

White Background



This preview shows how the Hex color 0D00F1 looks on a white background.

Color Contrast Check

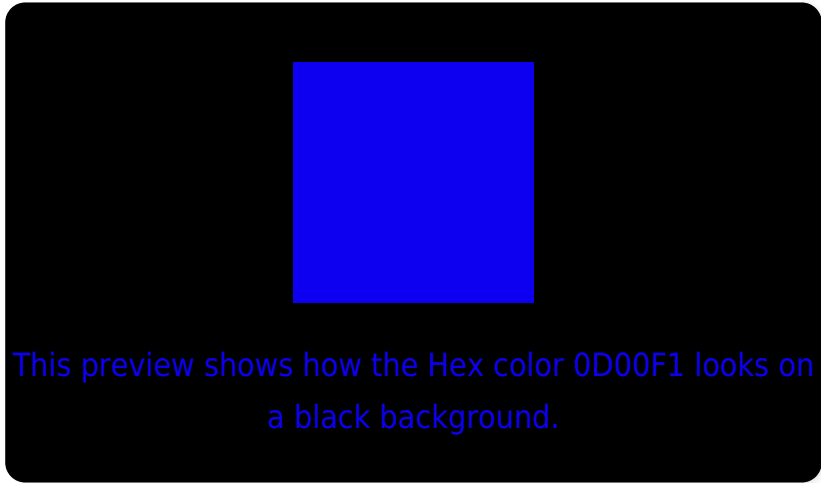
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D00F1 Background



This preview shows how black text looks on a background with the Hex color 0D00F1.



This preview shows how white text looks on a background with the Hex color 0D00F1.

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
0D00F1

Protanopia
004794

Deuteranopia
004B7D

Trichromacy



Original Color
0D00F1

Protanomaly
052DB6

Deuteranomaly
0530A7

Tritanomaly
05348E

Monochromacy



Original Color
0D00F1

Achromatopsia
1F1F1F

Achromatomaly
18146B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D00F1 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 #0D00F1 looks like.

```
.text, #text, p{  
    color:#0D00F1  
}
```

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 #0D00F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D00F1
}
```

Border

The CSS property to change the border of an element to Hex 0D00F1 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
#0D00F1 }
```

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

```
.border{ border-color:#0D00F1 }
```

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

Here you see how a box with a 4 pixel #0D00F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D00F1; -webkit-box-shadow:4px 4px  
4px 4px #0D00F1; box-shadow:4px 4px 4px  
4px #0D00F1 }
```

Background

The CSS property to change the background color of an element to Hex 0D00F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D00F1 }
```

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

```
.background{ background-color:#0D00F1 }
```

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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