

Converting Colors

Hex(0017F6)

Have a look what the booklet for
Hex(0017F6) contains.

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Color

Hex(0017F6)

Conversions

Conversions Part 1

Format	Color
Hex	0017F6
RGB	0, 23, 246
RGB Percent	0%, 9%, 96%
CMY	1.0000, 0.9098, 0.0353
CMYK	1.00, 0.91, 0.00, 0.04
HSL	234°, 100%, 48%
HSV	234°, 100%, 96%
XYZ	16.9409, 7.2666, 87.6985
YIQ	41.5450, -85.2910, 64.4770

Conversions

Conversions Part 2

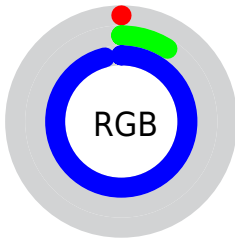
Format	Color
RYB	0, 21, 246
Decimal	6134
CIELab	32.41, 72.74, -102.62
CIELCh	32, 125.788, 305.328
Yxy	7.2666, 0.1514, 0.0649
Android (android.graphics.Color)	4278196214 (0xFF0017F6)
YUV	41.5450, 100.7963, -36.4350
Hunter-Lab	26.9567, 65.0044, -174.0194

Details

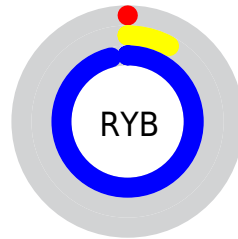
The Hex color **0017F6** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **F6DF00**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **7650FF**, and **0000BC** is the 20% darker color. If you saturate the color by 10%, you get **0017F6**, and if you desaturate by 10%, it is **192DF6**.

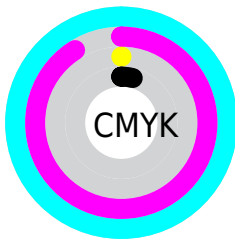
Distribution



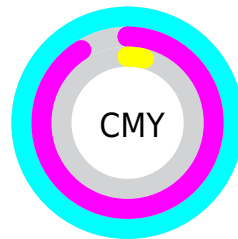
- Red (0%)
- Green (9%)
- Blue (96%)



- Red (0%)
- Yellow (8%)
- Blue (96%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (91%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0017F6 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 0017F6 by changing the saturation by 10% instead.

 0017F6

 0017F6

FFFFFF

 0000D9

 7650FF

 0000BC

 996AFF

 0000A0

 BB85FF

 000084

 DCA1FF

 00116A

 FDBDFF

 000A50

 FFD9FF

 000539

 FFF7FF

 000222

 000008

 0017F6

 192DF6

 3144F6

 4A5AF6

 6270F6

 7B86F6

 949DF6

 ACB3F6

 C5C9F6

 DDE0F6

Harmonies

Analogous

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



005DFF



0017F6



C300A2

Triad

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



0017F6



9B1000



00685D

Complementary

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



0017F6



F6DF00

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



0017F6



4E5000

Square

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



0017F6



D00000



006000



006CC1

Rectangle

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



0017F6



E10061



006000



00673A

Sweetspot

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



0017F6



B3BAFF



00F6DD



525680



000000



808080

Same Dimension

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



0017F6



0018FF



6200F6



6E6F7A



0011BA



00053B

Inverse Universe

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



F60017



FF0018



94F600



7A6E6F



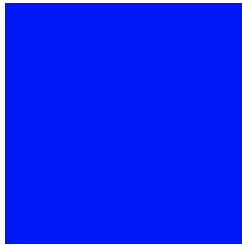
BA0011



3B0005

Previews

White Background



This preview shows how the Hex color 0017F6 looks on a white background.

Color Contrast Check

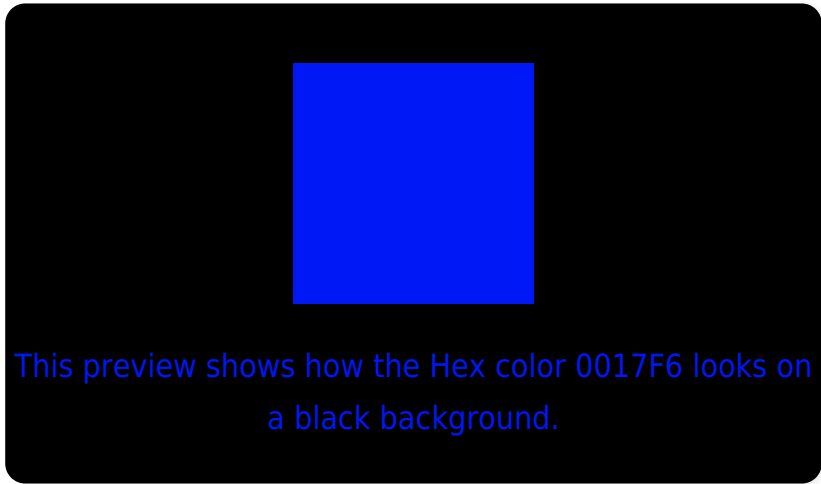
Large Text (above 18pt) WCAG AA ✓ Pass

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 0017F6 Background



This preview shows how black text looks on a background with the Hex color 0017F6.



This preview shows how white text looks on a background with the Hex color 0017F6.

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
0017F6

Protanopia
004A9A

Deuteranopia
004F83

Trichromacy



Original Color
0017F6

Protanomaly
0037BB

Deuteranomaly
003BAD

Tritanomaly
003E91

Monochromacy



Original Color
0017F6

Achromatopsia
2A2A2A

Achromatomaly
1B2374

CSS Examples

Text

The CSS property to change the color of the text to Hex 0017F6 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 #0017F6 looks like.

```
.text, #text, p{  
    color:#0017F6  
}
```

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 #0017F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0017F6
}
```

Border

The CSS property to change the border of an element to Hex 0017F6 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
#0017F6 }
```

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

```
.border{ border-color:#0017F6 }
```

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

Here you see how a box with a 4 pixel #0017F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0017F6; -webkit-box-shadow:4px 4px  
4px 4px #0017F6; box-shadow:4px 4px 4px  
4px #0017F6 }
```

Background

The CSS property to change the background color of an element to Hex 0017F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0017F6 }
```

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

```
.background{ background-color:#0017F6 }
```

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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