

Converting Colors

Hex(0000F7)

Have a look what the booklet for
Hex(0000F7) contains.

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Color

Hex(0000F7)

Conversions

Conversions Part 1

Format	Color
Hex	0000F7
RGB	0, 0, 247
RGB Percent	0%, 0%, 97%
CMY	1.0000, 1.0000, 0.0314
CMYK	1.00, 1.00, 0.00, 0.03
HSL	240°, 100%, 48%
HSV	240°, 100%, 97%
XYZ	16.7885, 6.7154, 88.4070
YIQ	28.1580, -79.2870, 76.8170

Conversions

Conversions Part 2

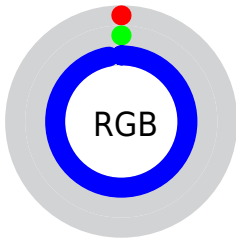
Format	Color
RYB	0, 0, 247
Decimal	247
CIELab	31.15, 77.31, -105.29
CIELCh	31, 130.623, 306.287
Yxy	6.7154, 0.1500, 0.0600
Android (android.graphics.Color)	4278190327 (0xFF0000F7)
YUV	28.1580, 107.8891, -24.6946
Hunter-Lab	25.9141, 70.2920, -184.1305

Details

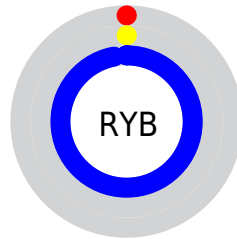
The Hex color **0000F7** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **F7F700**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **7746FF**, and **0000BD** is the 20% darker color. If you saturate the color by 10%, you get **0000F7**, and if you desaturate by 10%, it is **1919F7**.

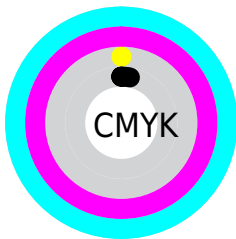
Distribution



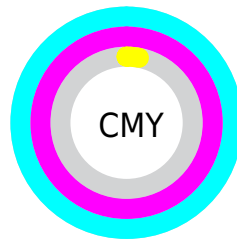
- Red (0%)
- Green (0%)
- Blue (97%)



- Red (0%)
- Yellow (0%)
- Blue (97%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (100%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0000F7 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 0000F7 by changing the saturation by 10% instead.

 0000F7

 0000F7

FFFFFF

 0000DA

 7746FF

 0000BD

 9B62FF

 0000A1

 BC7DFF

 000085

 DE99FF

 00116A

 FEB5FF

 000B51

 FFD2FF

 000539


 FFEFFF

 000223

 000009

 0000F7

 1919F7

 3131F7

 4A4AF7

 6363F7

 7C7CF7

 9494F7

 ADADF7

 C6C6F7

 DEDEF7

Harmonies

Analogous

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



005AFF



0000F7



C6009F

Triad

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



0000F7



970900



00655E

Complementary

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



0000F7



F7F700

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



0000F7



474E00

Square

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



0000F7



CE0000



005E00



0069C5

Rectangle

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



0000F7



E2005C



005E00



00643A

Sweetspot

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



0000F7



B3B3FF



00F7F7



525280



000000



808080

Same Dimension

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



0000F7



0000FF



7C00F7



6E6E7A



0000BA



00003B

Inverse Universe

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



F700F7



FF00FF



7CF700



7A6E7A



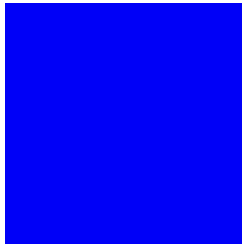
BA00BA



3B003B

Previews

White Background



This preview shows how the Hex color 0000F7 looks on a white background.

Color Contrast Check

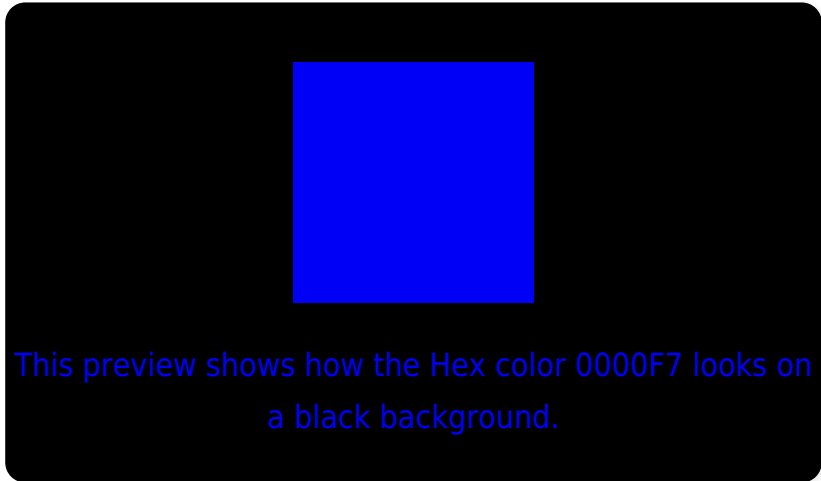
Large Text (above 18pt) WCAG AA ✓ Pass

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 0000F7 Background



This preview shows how black text looks on a background with the Hex color 0000F7.



This preview shows how white text looks on a background with the Hex color 0000F7.

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
0000F7

Protanopia
004897

Deuteranopia
004D80

Trichromacy



Original Color
0000F7

Protanomaly
002EBA

Deuteranomaly
0031AB

Tritanomaly
003591

Monochromacy



Original Color
0000F7

Achromatopsia
1C1C1C

Achromatomaly
12126C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0000F7 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 #0000F7 looks like.

```
.text, #text, p{  
    color:#0000F7  
}
```

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 #0000F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0000F7
}
```

Border

The CSS property to change the border of an element to Hex 0000F7 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
#0000F7 }
```

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

```
.border{ border-color:#0000F7 }
```

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

Here you see how a box with a 4 pixel #0000F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0000F7; -webkit-box-shadow:4px 4px  
4px 4px #0000F7; box-shadow:4px 4px 4px  
4px #0000F7 }
```

Background

The CSS property to change the background color of an element to Hex 0000F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0000F7 }
```

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

```
.background{ background-color:#0000F7 }
```

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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