

Converting Colors

Hex(007BFC)

Have a look what the booklet for
Hex(007BFC) contains.

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Color

Hex(007BFC)

Conversions

Conversions Part 1

Format	Color
Hex	007BFC
RGB	0, 123, 252
RGB Percent	0%, 48%, 99%
CMY	1.0000, 0.5176, 0.0118
CMYK	1.00, 0.51, 0.00, 0.01
HSL	211°, 100%, 49%
HSV	211°, 100%, 99%
XYZ	24.6536, 21.1942, 94.8870
YIQ	100.9290, -114.7170, 14.0430

Conversions

Conversions Part 2

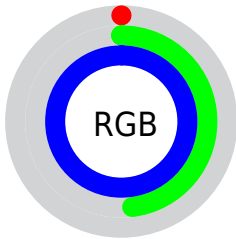
Format	Color
RYB	0, 83, 252
Decimal	31740
CIELab	53.16, 20.76, -71.79
CIELCh	53, 74.733, 286.131
Yxy	21.1942, 0.1752, 0.1506
Android (android.graphics.Color)	4278221820 (0xFF007BFC)
YUV	100.9290, 74.4780, -88.5147
Hunter-Lab	46.0372, 15.0247, -89.9763

Details

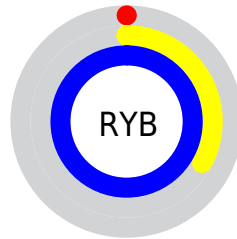
The Hex color **007BFC** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **FC8100**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **70AFFF**, and **004CC2** is the 20% darker color. If you saturate the color by 10%, you get **007BFC**, and if you desaturate by 10%, it is **1988FC**.

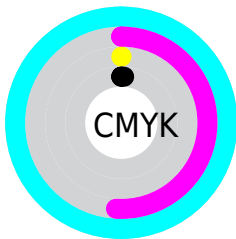
Distribution



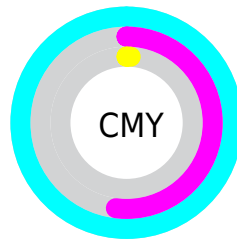
- Red (0%)
- Green (48%)
- Blue (99%)



- Red (0%)
- Yellow (33%)
- Blue (99%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (52%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007BFC 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 007BFC by changing the saturation by 10% instead.

 007BFC

 007BFC

FFFFFF

 0063DF

 70AFFE

 004CC2

 92CAFF

 0036A7

 B3E6FF

 00238B

 D2FFFF


 000F71

 F2FFFF

 000C58

 00063F

 000328

 000112

 007BFC

 1988FC

 3295FC

 4CA2FC

 65AFFC

 7EBCFC

 97C8FC

 B0D5FC

 CAE2FC

 E3EFFC

Harmonies

Analogous

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



008FFD



007BFC



AB5BD9

Triad

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



007BFC



DB5221



00995E

Complementary

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



007BFC



FC8100

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.



1D9314



007BFC



B27100

Square

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



007BFC



EE305F



798700



009BA1

Rectangle

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



007BFC



D442B4



798700



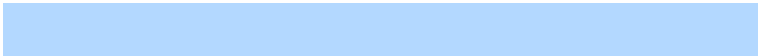
009847

Sweetspot

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



007BFC



B3D8FF



00FC7E



526880



000000



808080

Same Dimension

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



007BFC



007CFF



0000FC



70777D



005CBD



001E3D

Inverse Universe

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



FC007B



FF007C



FCFC00



7D7077



BD005C



3D001E

Previews

White Background



This preview shows how the Hex color 007BFC looks on a white background.

Color Contrast Check

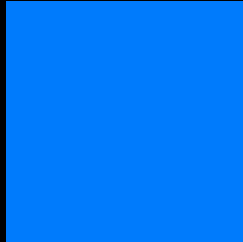
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 007BFC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

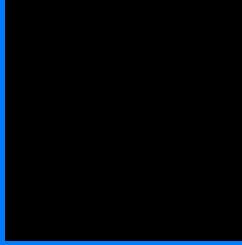
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

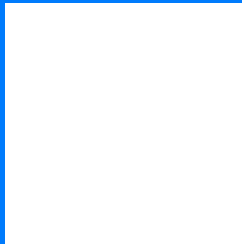
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 007BFC Background



This preview shows how black text looks on a background with the Hex color 007BFC.



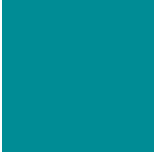
This preview shows how white text looks on a background with the Hex color 007BFC.

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](#).

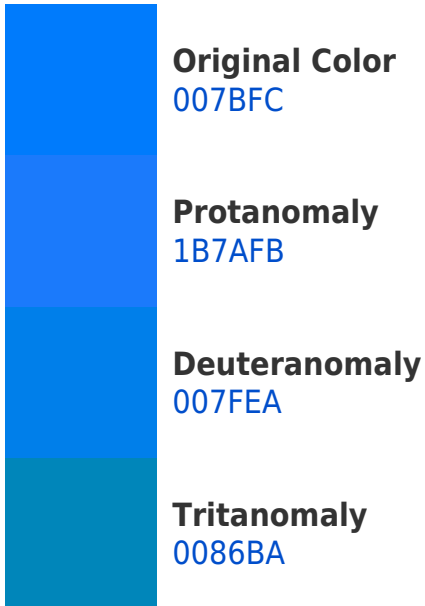
Dichromacy





Tritanopia
008C95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 007BFC 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 #007BFC looks like.

```
.text, #text, p{  
  color:#007BFC  
}
```

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 #007BFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007BFC
}
```

Border

The CSS property to change the border of an element to Hex 007BFC 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
#007BFC }
```

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

```
.border{ border-color:#007BFC }
```

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

Here you see how a box with a 4 pixel #007BFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007BFC; -webkit-box-shadow:4px 4px  
4px 4px #007BFC; box-shadow:4px 4px 4px  
4px #007BFC }
```

Background

The CSS property to change the background color of an element to Hex 007BFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007BFC }
```

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

```
.background{ background-color:#007BFC }
```

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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