

Converting Colors

Hex(007FF9)

Have a look what the booklet for
Hex(007FF9) contains.

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Color

Hex(007FF9)

Conversions

Conversions Part 1

Format	Color
Hex	007FF9
RGB	0, 127, 249
RGB Percent	0%, 50%, 98%
CMY	1.0000, 0.5020, 0.0235
CMYK	1.00, 0.49, 0.00, 0.02
HSL	209°, 100%, 49%
HSV	209°, 100%, 98%
XYZ	24.6883, 22.0183, 92.5713
YIQ	102.9350, -114.8540, 11.0180

Conversions

Conversions Part 2

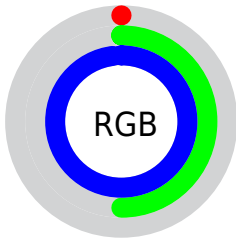
Format	Color
<code>RYB</code>	<code>0, 84, 249</code>
Decimal	<code>32761</code>
CIELab	<code>54.05, 17.10, -68.70</code>
CIELCh	<code>54, 70.794, 283.976</code>
Yxy	<code>22.0183, 0.1773, 0.1581</code>
Android (<code>android.graphics.Color</code>)	<code>4278222841 (0xFF007FF9)</code>
YUV	<code>102.9350, 72.0100, -90.2740</code>
Hunter-Lab	<code>46.9237, 11.7990, -84.1211</code>

Details

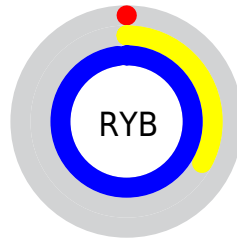
The Hex color **007FF9** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **F97A00**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6FB3FF**, and **004FC0** is the 20% darker color. If you saturate the color by 10%, you get **007FF9**, and if you desaturate by 10%, it is **198BF9**.

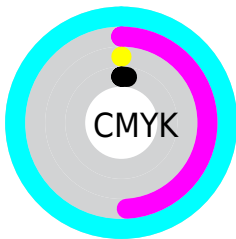
Distribution



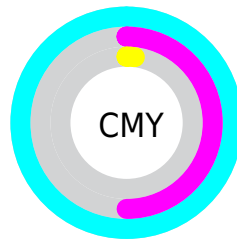
- Red (0%)
- Green (50%)
- Blue (98%)



- Red (0%)
- Yellow (33%)
- Blue (98%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (50%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007FF9 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 007FF9 by changing the saturation by 10% instead.

 007FF9

 007FF9

FFFFFF

 0067DC

 6FB3FF

 004FC0

 91CEFF

 003AA4

 B1EAFF

 002689

 D1FFFF

 00136F

 F1FFFF

 000C55

 00063D

 000326

 00010F

 007FF9

 198BF9

 3297F9

 4BA4F9

 64B0F9

 7DBC F9

 95C8F9

 AED4F9

 C7E1F9

 E0EDF9

Harmonies

Analogous

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



0091F7



007FF9



A762DA

Triad

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



007FF9



DC552D



009A5D

Complementary

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



007FF9



F97A00

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.



36941B



007FF9



B67200

Square

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



007FF9



EC3B67



818700



009C9D

Rectangle

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



007FF9



D04CB8



818700



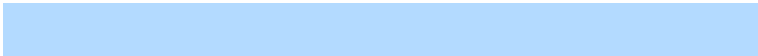
009948

Sweetspot

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



007FF9



B3DAFF



00F978



526980



000000



808080

Same Dimension

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



007FF9



0082FF



0004F9



70777D



0060BD



001F3D

Inverse Universe

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



F9007F



FF0082



F9F500



7D7077



BD0060



3D001F

Previews

White Background



This preview shows how the Hex color 007FF9 looks on a white background.

Color Contrast Check

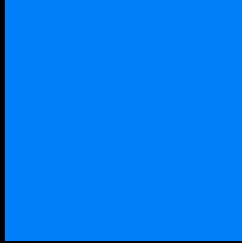
Large Text (above 18pt) WCAG AA ✓ Pass

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 007FF9 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

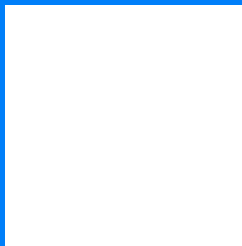
Any Text WCAG AAA × Fail

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

Hex 007FF9 Background



This preview shows how black text looks on a background with the Hex color 007FF9.



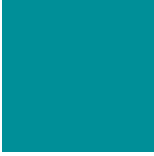
This preview shows how white text looks on a background with the Hex color 007FF9.

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
008F98

Trichromacy



Original Color
007FF9

Protanomaly
267DF7

Deuteranomaly
0082EC

Tritanomaly
0089BB

Monochromacy



Original Color
007FF9

Achromatopsia
676767

Achromatomaly
42709C

CSS Examples

Text

The CSS property to change the color of the text to Hex 007FF9 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 #007FF9 looks like.

```
.text, #text, p{  
    color:#007FF9  
}
```

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 #007FF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007FF9
}
```

Border

The CSS property to change the border of an element to Hex 007FF9 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
#007FF9 }
```

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

```
.border{ border-color:#007FF9 }
```

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

Here you see how a box with a 4 pixel #007FF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007FF9; -webkit-box-shadow:4px 4px  
4px 4px #007FF9; box-shadow:4px 4px 4px  
4px #007FF9 }
```

Background

The CSS property to change the background color of an element to Hex 007FF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007FF9 }
```

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

```
.background{ background-color:#007FF9 }
```

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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