

Converting Colors

Hex(0990F9)

Have a look what the booklet for
Hex(0990F9) contains.

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Color

Hex(0990F9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0990F9 |
| RGB | 9, 144, 249 |
| RGB Percent | 4%, 56%, 98% |
| CMY | 0.9647, 0.4353, 0.0235 |
| CMYK | 0.96, 0.42, 0.00, 0.02 |
| HSL | 206°, 95%, 51% |
| HSV | 206°, 96%, 98% |
| XYZ | 27.1848, 26.8441, 93.3712 |
| YIQ | 115.6050, -114.1650, 4.0350 |

Conversions

Conversions Part 2

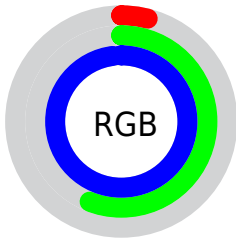
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 9, 95, 249 |
| Decimal | 626937 |
| CIE Lab | 58.83, 6.89, -61.00 |
| CIE LCh | 59, 61.383, 276.445 |
| Yxy | 26.8441, 0.1844, 0.1821 |
| Android (android.graphics.Color) | 4278817017 (0xFF0990F9) |
| YUV | 115.6050, 65.7637, -93.4926 |
| Hunter-Lab | 51.8113, 2.9870, -70.5808 |

Details

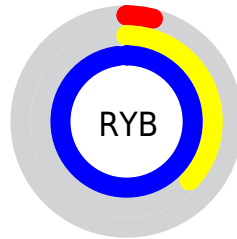
The Hex color **0990F9** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle saturated azure. A complement of this color would be **F97209**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **70C5FF**, and **005FC0** is the 20% darker color. If you saturate the color by 10%, you get **008CF9**, and if you desaturate by 10%, it is **229BF9**.

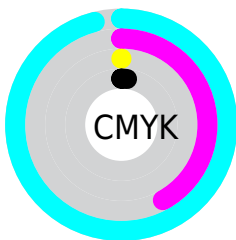
Distribution



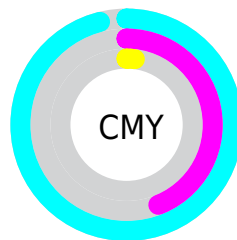
- Red (4%)
- Green (56%)
- Blue (98%)



- Red (4%)
- Yellow (37%)
- Blue (98%)



- Cyan (96%)
- Magenta (42%)
- Yellow (0%)
- Black (2%)




- Cyan (96%)
- Magenta (44%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0990F9 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 0990F9 by changing the saturation by 10% instead.

 0990F9

 0990F9

FFFFFF

 0077DC

 70C5FF

 005FC0

 92E1FF

 0048A4

 B2FDFF

 003289

 D2FFFF

 001F6F

 F1FFFF

 000B56

 00063E

 000327

 000110

■ 0990F9

■ 0990F9

■ 008CF9

■ 229BF9

■ 3BA6F9

■ 54B1F9

■ 6DBC F9

■ 86C6F9

■ 9ED1F9

■ B7DCF9

■ D0E7F9

■ E9F2F9

Harmonies

Analogous

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



009FF0



0990F9



9E7AE5

Triad

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



0990F9



E76550



00A460

Complementary

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



0990F9



F97209

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.



659C2E



0990F9



CA7B25

Square

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



0990F9



EE5884



9E8F0C



00A798

Rectangle

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



0990F9



C86ACA



9E8F0C



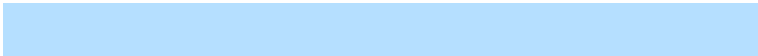
28A24F

Sweetspot

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



0990F9



B5DFFF



09F971



536C80



000000



808080

Same Dimension

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



0990F9



008FFF



0919F9



70777D



006ABD



00223D

Inverse Universe

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



F90990



FF008F



F9E909



7D7077



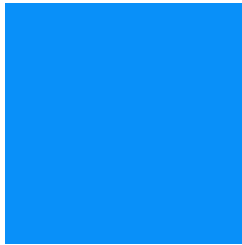
BD006A



3D0022

Previews

White Background



This preview shows how the Hex color 0990F9 looks on a white background.

Color Contrast Check

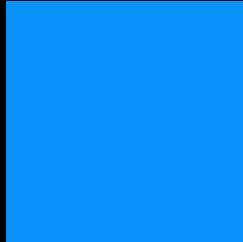
Large Text (above 18pt) WCAG AA ✓ Pass

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 0990F9 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

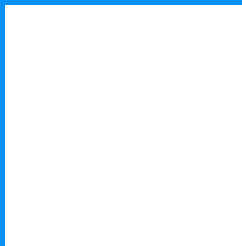
Any Text WCAG AAA × Fail

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

Hex 0990F9 Background



This preview shows how black text looks on a background with the Hex color 0990F9.



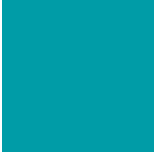
This preview shows how white text looks on a background with the Hex color 0990F9.

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



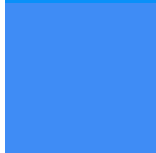


Tritanopia
009CA7

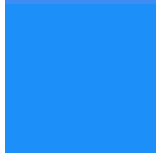
Trichromacy



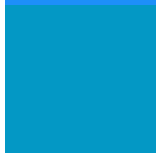
Original Color
0990F9



Protanomaly
3F8CF5



Deuteranomaly
1D8FF9



Tritanomaly
0398C5

Monochromacy



Original Color
0990F9



Achromatopsia
747474



Achromatomaly
4D7EA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 0990F9 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 #0990F9 looks like.

```
.text, #text, p{  
    color:#0990F9  
}
```

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 #0990F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0990F9
}
```

Border

The CSS property to change the border of an element to Hex 0990F9 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
#0990F9 }
```

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

```
.border{ border-color:#0990F9 }
```

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

Here you see how a box with a 4 pixel #0990F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0990F9; -webkit-box-shadow:4px 4px  
4px 4px #0990F9; box-shadow:4px 4px 4px  
4px #0990F9 }
```

Background

The CSS property to change the background color of an element to Hex 0990F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0990F9 }
```

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

```
.background{ background-color:#0990F9 }
```

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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