

# Converting Colors

Hex(0091FF)

Have a look what the booklet for  
Hex(0091FF) contains.

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# Color

**Hex(0091FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0091FF
RGB	0, 145, 255
RGB Percent	0%, 57%, 100%
CMY	1.0000, 0.4314, 0.0000
CMYK	1.00, 0.43, 0.00, 0.00
HSL	206°, 100%, 50%
HSV	206°, 100%, 100%
XYZ	28.1754, 27.4708, 98.4251
YIQ	114.1850, -121.7300, 3.4700

# Conversions

## Conversions Part 2

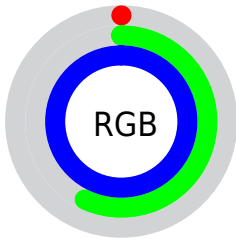
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 92, 255
Decimal	37375
CIE <sub>Lab</sub>	59.41, 8.35, -63.37
CIE <sub>LCh</sub>	59, 63.915, 277.510
Y <sub>xy</sub>	27.4708, 0.1829, 0.1783
Android (android.graphics.Color)	4278227455 (0xFF0091FF)
YUV	114.1850, 69.4218, -100.1402
Hunter-Lab	52.4126, 4.2341, -74.6513

# Details

The Hex color **0091FF** 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 **FF6E00**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **70C6FF**, and **0060C5** is the 20% darker color. If you saturate the color by 10%, you get **0091FF**, and if you desaturate by 10%, it is **199CFF**.

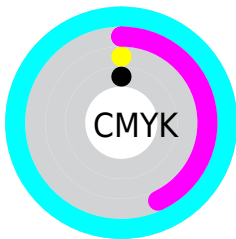
# Distribution



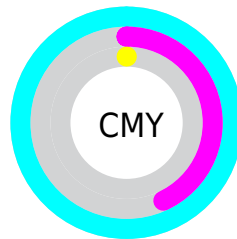
- Red (0%)
- Green (57%)
- Blue (100%)



- Red (0%)
- Yellow (36%)
- Blue (100%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)




- Cyan (100%)
- Magenta (43%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0091FF 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 0091FF by changing the saturation by 10% instead.



 0091FF

 0091FF

FFFFFF

 0078E2

 70C6FF

 0060C5

 92E2FF

 0049AA

 B3FFFF

 00338F

 D3FFFF

 002074

 F3FFFF

 00095B

 000742

 00032B

 000116

 0091FF

 199CFF

 33A7FF

 4DB2FF

 66BDFF

 80C8FF

 99D3FF

 B3DEFF

 CCE9FF

 E6F4FF

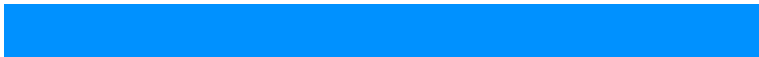
# Harmonies

## Analogous

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



00A0F7



0091FF



A37AE9

# Triad

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



0091FF



EB644D



00A662

# Complementary

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



0091FF



FF6E00

# 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.



629F2C



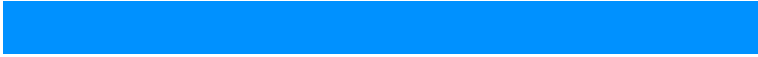
0091FF



CC7C1F

# Square

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



0091FF



F35683



9E9100



00A99C

# Rectangle

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



0091FF



CE68CC



9E9100



18A44F

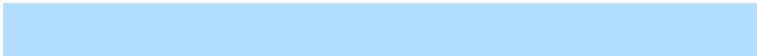


# Sweetspot

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



0091FF



B3DEFF



00FF6A



526C80



000000



808080



# Same Dimension

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



0091FF



0015FF



737A80



006DBF



002440

# Inverse Universe

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



FF0091



FFEA00



80737A



BF006D



400024

# Previews

## White Background



This preview shows how the Hex color 0091FF looks on a white background.

## Color Contrast Check

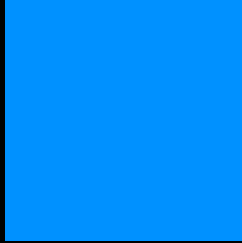
Large Text (above 18pt) WCAG AA ✓ Pass

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 0091FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

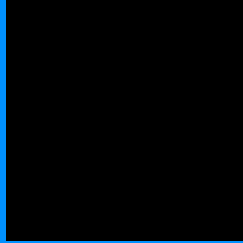
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

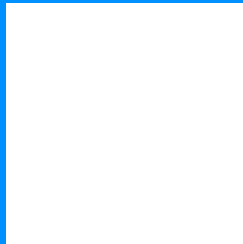
Any Text WCAG AAA × Fail

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

## Hex 0091FF Background



This preview shows how black text looks on a background with the Hex color 0091FF.

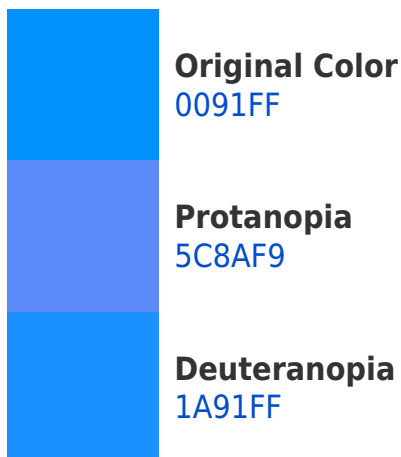


This preview shows how white text looks on a background with the Hex color 0091FF.

# 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

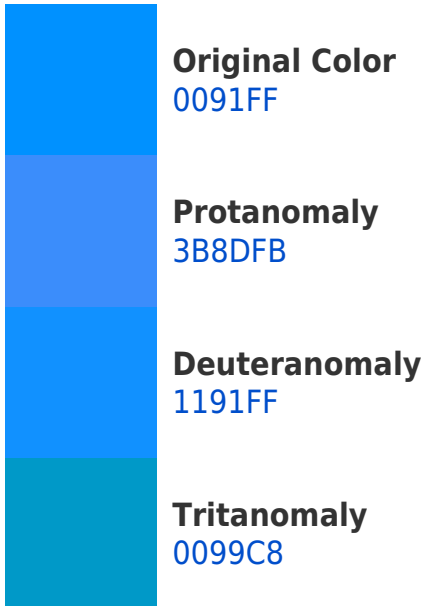




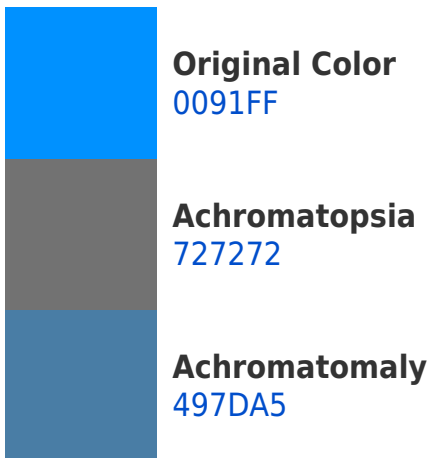


**Tritanopia**  
009EA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0091FF 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 #0091FF looks like.

```
.text, #text, p{  
    color:#0091FF  
}
```

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 #0091FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0091FF
}
```

## Border

The CSS property to change the border of an element to Hex 0091FF 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
#0091FF }
```

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

```
.border{ border-color:#0091FF }
```

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

Here you see how a box with a 4 pixel #0091FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0091FF; -webkit-box-shadow:4px 4px  
4px 4px #0091FF; box-shadow:4px 4px 4px  
4px #0091FF }
```

# Background

The CSS property to change the background color of an element to Hex 0091FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0091FF }
```

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

```
.background{ background-color:#0091FF }
```

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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