

Converting Colors

Hex(0090FF)

Have a look what the booklet for
Hex(0090FF) contains.

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Color

Hex(0090FF)

Conversions

Conversions Part 1

Format	Color
Hex	0090FF
RGB	0, 144, 255
RGB Percent	0%, 56%, 100%
CMY	1.0000, 0.4353, 0.0000
CMYK	1.00, 0.44, 0.00, 0.00
HSL	206°, 100%, 50%
HSV	206°, 100%, 100%
XYZ	28.0233, 27.1665, 98.3744
YIQ	113.5980, -121.4550, 3.9930

Conversions

Conversions Part 2

Format	Color
R _{YB}	0, 92, 255
Decimal	37119
CIE _{Lab}	59.13, 8.96, -63.82
CIE _{LCh}	59, 64.441, 277.989
Yxy	27.1665, 0.1825, 0.1769
Android (android.graphics.Color)	4278227199 (0xFF0090FF)
YUV	113.5980, 69.7112, -99.6254
Hunter-Lab	52.1215, 4.7583, -75.4192

Details

The Hex color **0090FF** 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 **FF6F00**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **70C5FF**, and **005FC5** is the 20% darker color. If you saturate the color by 10%, you get **0090FF**, and if you desaturate by 10%, it is **199BFF**.

Distribution



- Red (0%)
- Green (56%)
- Blue (100%)



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



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (100%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0090FF 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 0090FF by changing the saturation by 10% instead.

 0090FF

 0090FF

FFFFFF

 0077E2


 70C5FF

 005FC5

 92E1FF

 0048AA

 B3FDFF

 00338F

 D3FFFF

 002074

 F3FFFF

 00095B

 000742

 00032B

 000116

 0090FF

 199BFF

 33A6FF

 4DB1FF

 66BCFF

 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



0090FF



A378E8

Triad

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



0090FF



EB644B



00A661

Complementary

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



0090FF



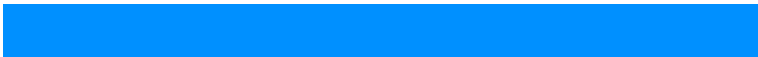
FF6F00

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.



5F9E2B



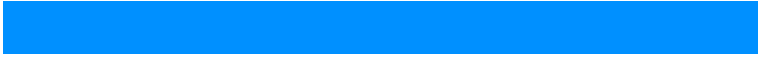
0090FF



CB7C1C

Square

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



0090FF



F35582



9C9100



00A99C

Rectangle

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



0090FF



CF67CB



9C9100



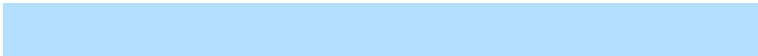
0DA44F

Sweetspot

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



0090FF



B3DEFF



00FF6F



526C80



000000



808080

Same Dimension

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



0090FF



0011FF



737A80



006CBF



002440

Inverse Universe

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



FF0090



FFEE00



80737A



BF006C



400024

Previews

White Background



This preview shows how the Hex color 0090FF looks on a white background.

Color Contrast Check

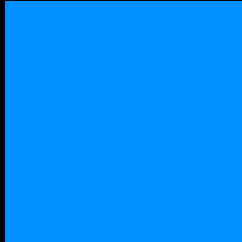
Large Text (above 18pt) WCAG AA ✓ Pass

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 0090FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

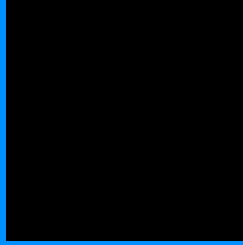
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

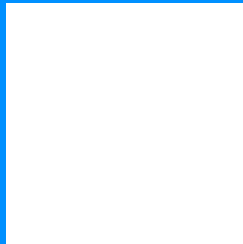
Any Text WCAG AAA × Fail

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

Hex 0090FF Background



This preview shows how black text looks on a background with the Hex color 0090FF.

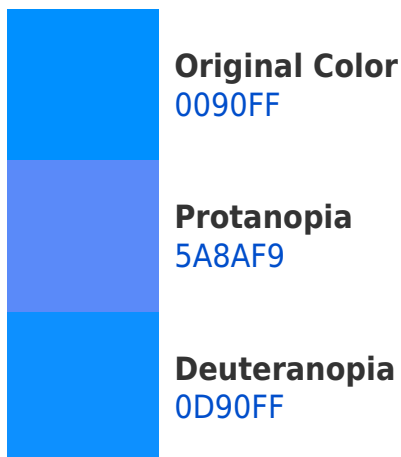


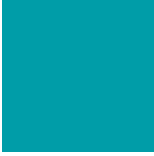
This preview shows how white text looks on a background with the Hex color 0090FF.

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
009DA8

Trichromacy



Original Color
0090FF

Protanomaly
398CFB

Deuteranomaly
0890FF

Tritanomaly
0098C8

Monochromacy



Original Color
0090FF

Achromatopsia
727272

Achromatomaly
497DA5

CSS Examples

Text

The CSS property to change the color of the text to Hex 0090FF 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 #0090FF looks like.

```
.text, #text, p{  
    color:#0090FF  
}
```

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 #0090FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0090FF
}
```

Border

The CSS property to change the border of an element to Hex 0090FF 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
#0090FF }
```

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

```
.border{ border-color:#0090FF }
```

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

Here you see how a box with a 4 pixel #0090FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0090FF; -webkit-box-shadow:4px 4px  
4px 4px #0090FF; box-shadow:4px 4px 4px  
4px #0090FF }
```

Background

The CSS property to change the background color of an element to Hex 0090FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0090FF }
```

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

```
.background{ background-color:#0090FF }
```

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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