

# Converting Colors

Hex(0090FB)

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

<b>Hex(0090FB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(0090FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0090FB
RGB	0, 144, 251
RGB Percent	0%, 56%, 98%
CMY	1.0000, 0.4353, 0.0157
CMYK	1.00, 0.43, 0.00, 0.02
HSL	206°, 100%, 49%
HSV	206°, 100%, 98%
XYZ	27.3858, 26.9116, 95.0178
YIQ	113.1420, -120.1710, 2.7490

# Conversions

## Conversions Part 2

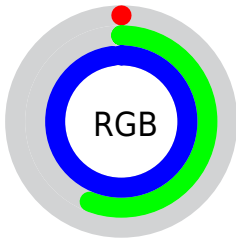
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 92, 251
Decimal	37115
CIE Lab	58.89, 7.43, -62.00
CIE LCh	59, 62.441, 276.834
Yxy	26.9116, 0.1834, 0.1802
Android (android.graphics.Color)	4278227195 (0xFF0090FB)
YUV	113.1420, 67.9640, -99.2255
Hunter-Lab	51.8763, 3.4477, -72.2834

# Details

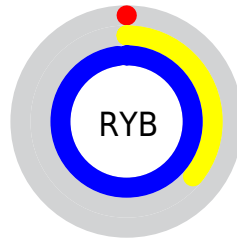
The Hex color **0090FB** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle saturated azure. A complement of this color would be **FB6B00**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6FC5FF**, and **005FC2** is the 20% darker color. If you saturate the color by 10%, you get **0090FB**, and if you desaturate by 10%, it is **199BFB**.

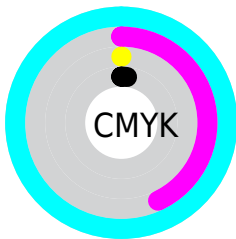
# Distribution



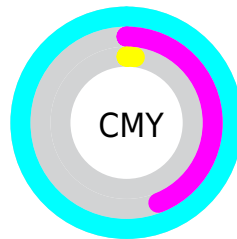
- Red (0%)
- Green (56%)
- Blue (98%)



- Red (0%)
- Yellow (36%)
- Blue (98%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (44%)
- Yellow (2%)


# Brightness & Saturation Gradients

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



 0090FB

 0090FB

FFFFFF

 0077DE

 6FC5FF

 005FC2

 91E1FF

 0048A6

 B1FDFF

 00328B

 D1FFFF


 001F71

 F1FFFF

 000A58

 00073F

 000328

 000112

 0090FB

 199BFB

 32A5FB

 4BB0FB

 64BBFB

 7EC5FB

 97D0FB

 B0DBFB

 C9E6FB

 E2F0FB

# Harmonies

## Analogous

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



009FF2



0090FB



9F79E6

# Triad

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



0090FB



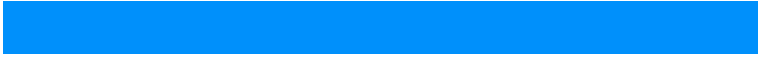
E8644F



00A460

# Complementary

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



0090FB



FB6B00

# 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.



639D2D



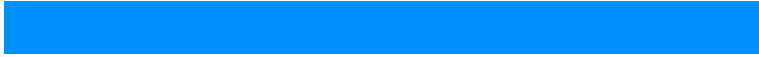
0090FB



CB7B22

# Square

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



0090FB



F05783



9D8F06



00A799

# Rectangle

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



0090FB



CA69CA



9D8F06



22A24E

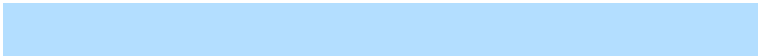


# Sweetspot

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



0090FB



B3DEFF



00FB69



526C80



000000



808080



# Same Dimension

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



0090FB



0092FF



0015FB



70787D



006CBD



00233D



# Inverse Universe

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



FB0090



FF0092



FBE600



7D7078



BD006C



3D0023



# Previews

## White Background



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

## Color Contrast Check

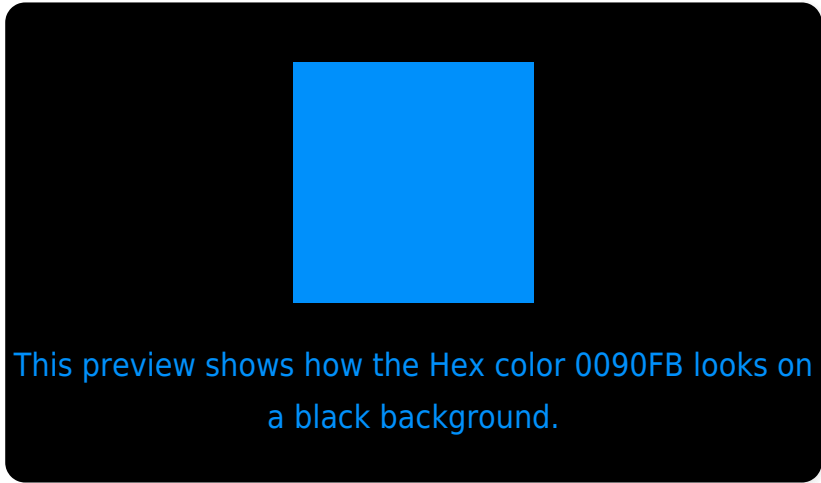
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

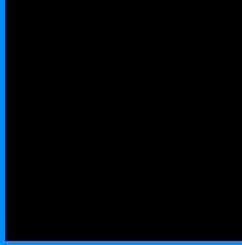
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

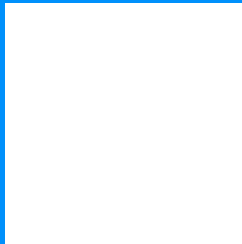
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0090FB Background



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

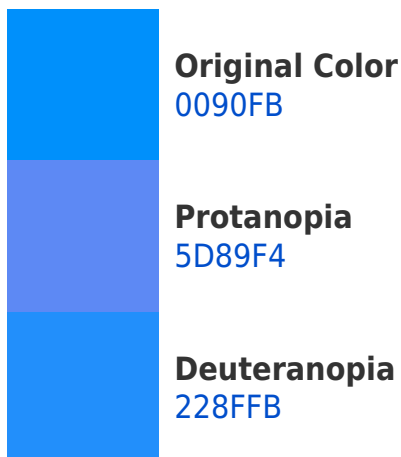


This preview shows how white text looks on a background with the Hex color 0090FB.

# 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**  
009DA7

# Trichromacy



**Original Color**  
0090FB

**Protanomaly**  
3B8CF7

**Deuteranomaly**  
168FFB

**Tritanomaly**  
0098C6

# Monochromacy



**Original Color**  
0090FB

**Achromatopsia**  
717171

**Achromatomaly**  
487CA3

# CSS Examples

## Text

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

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

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 #0090FB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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