

Converting Colors

Hex(0093FC)

Have a look what the booklet for
Hex(0093FC) contains.

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Color

Hex(0093FC)

Conversions

Conversions Part 1

Format	Color
Hex	0093FC
RGB	0, 147, 252
RGB Percent	0%, 58%, 99%
CMY	1.0000, 0.4235, 0.0118
CMYK	1.00, 0.42, 0.00, 0.01
HSL	205°, 100%, 49%
HSV	205°, 100%, 99%
XYZ	28.0044, 27.8957, 96.0039
YIQ	115.0170, -121.3170, 1.4910

Conversions

Conversions Part 2

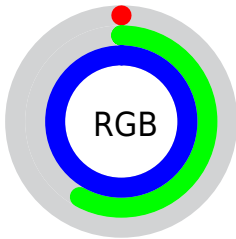
Format	Color
R _Y B	0, 93, 252
Decimal	37884
CIE Lab	59.79, 6.01, -61.10
CIE LCh	60, 61.396, 275.618
Yxy	27.8957, 0.1844, 0.1836
Android (android.graphics.Color)	4278227964 (0xFF0093FC)
YUV	115.0170, 67.5326, -100.8699
Hunter-Lab	52.8164, 2.2159, -70.7994

Details

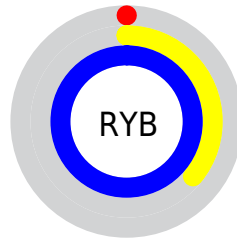
The Hex color **0093FC** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **FC6900**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **6FC8FF**, and **0061C3** is the 20% darker color. If you saturate the color by 10%, you get **0093FC**, and if you desaturate by 10%, it is **199DFC**.

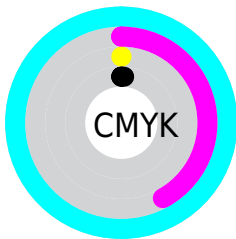
Distribution



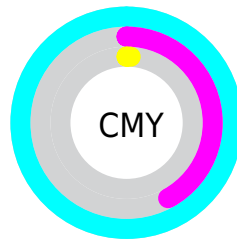
- Red (0%)
- Green (58%)
- Blue (99%)



- Red (0%)
- Yellow (36%)
- Blue (99%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (1%)




- Cyan (100%)
- Magenta (42%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0093FC 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 0093FC by changing the saturation by 10% instead.

 0093FC

FFFFFF


 6FC8FF

 91E4FF

 B2FFFF

 D2FFFF

 F1FFFF

 0093FC

 007ADF

 0061C3


 004AA7

 00358C

 002172

 000959

 000740

 000329

 000113

 0093FC

 199DFC

 32A8FC

 4CB2FC

 65BDFC

 7EC7FC

 97D2FC

 B0DCFC

 CAE7FC

 E3F2FC

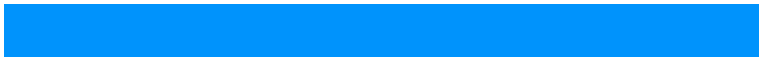
Harmonies

Analogous

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



00A1F2



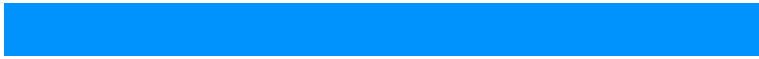
0093FC



9F7DE8

Triad

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



0093FC



EB6754



00A661

Complementary

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



0093FC



FC6900

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.



699F30



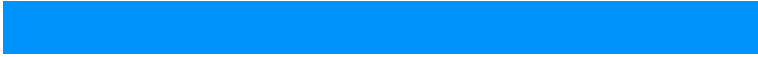
0093FC



CE7D28

Square

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



0093FC



F15B88



A29111



00AA99

Rectangle

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



0093FC



CA6DCE



A29111



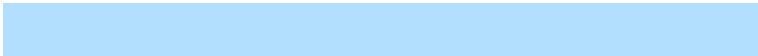
30A450

Sweetspot

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



0093FC



B3DFFF



00FC69



526C80



000000



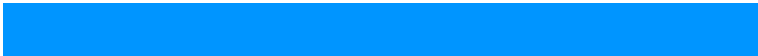
808080

Same Dimension

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



0093FC



0095FF



0015FC



70787D



006EBD



00243D

Inverse Universe

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



FC0093



FF0095



FCE700



7D7078



BD006E



3D0024

Previews

White Background



This preview shows how the Hex color 0093FC looks on a white background.

Color Contrast Check

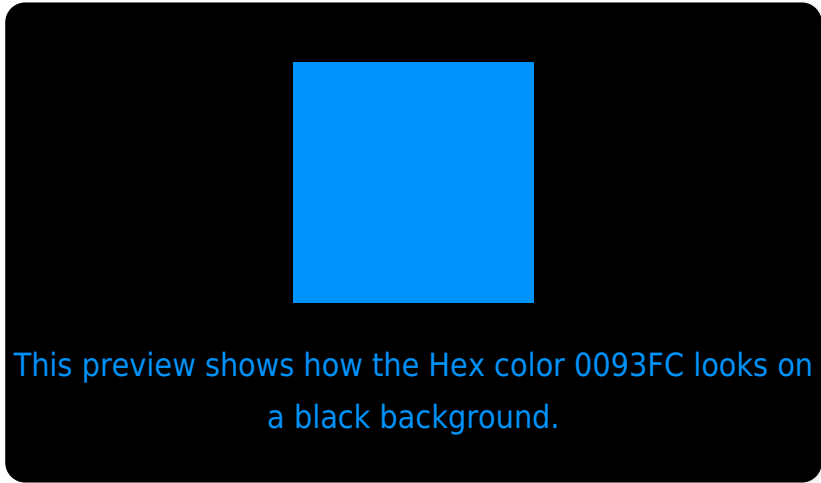
Large Text (above 18pt) WCAG AA ✓ Pass

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

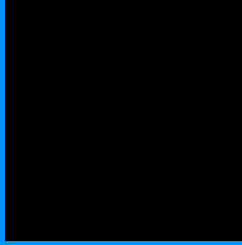
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

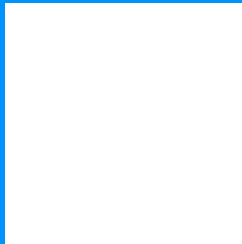
Any Text WCAG AAA × Fail

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

Hex 0093FC Background



This preview shows how black text looks on a background with the Hex color 0093FC.



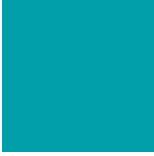
This preview shows how white text looks on a background with the Hex color 0093FC.

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





Trichromacy



Original Color
0093FC



Protanomaly
3E8FF8



Deuteranomaly
1E92FC



Tritanomaly
009BC8

Monochromacy



Original Color
0093FC



Achromatopsia
737373



Achromatomaly
497FA5

CSS Examples

Text

The CSS property to change the color of the text to Hex 0093FC 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 #0093FC looks like.

```
.text, #text, p{  
    color:#0093FC  
}
```

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 #0093FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0093FC
}
```

Border

The CSS property to change the border of an element to Hex 0093FC 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
#0093FC }
```

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

```
.border{ border-color:#0093FC }
```

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

Here you see how a box with a 4 pixel #0093FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0093FC; -webkit-box-shadow:4px 4px  
4px 4px #0093FC; box-shadow:4px 4px 4px  
4px #0093FC }
```

Background

The CSS property to change the background color of an element to Hex 0093FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0093FC }
```

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

```
.background{ background-color:#0093FC }
```

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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