

Converting Colors

Hex(0193F8)

Have a look what the booklet for
Hex(0193F8) contains.

Hex(0193F8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0193F8)

Conversions

Conversions Part 1

Format	Color
Hex	0193F8
RGB	1, 147, 248
RGB Percent	0%, 58%, 97%
CMY	0.9961, 0.4235, 0.0275
CMYK	1.00, 0.41, 0.00, 0.03
HSL	205°, 99%, 49%
HSV	205°, 100%, 97%
XYZ	27.3895, 27.6512, 92.7006
YIQ	114.8600, -119.4370, 0.4590

Conversions

Conversions Part 2

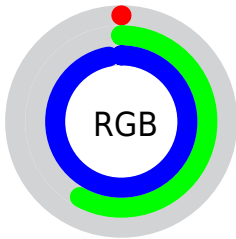
Format	Color
R _Y B	1, 93, 248
Decimal	103416
CIE Lab	59.57, 4.51, -59.26
CIE LCh	60, 59.431, 274.356
Yxy	27.6512, 0.1854, 0.1872
Android (android.graphics.Color)	4278293496 (0xFF0193F8)
YUV	114.8600, 65.6380, -99.8552
Hunter-Lab	52.5844, 0.9521, -67.7127

Details

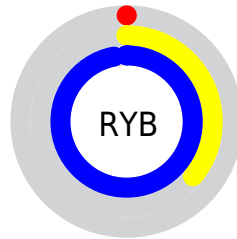
The Hex color **0193F8** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F86601**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **6EC8FF**, and **0061BF** is the 20% darker color. If you saturate the color by 10%, you get **0093F8**, and if you desaturate by 10%, it is **1A9DF8**.

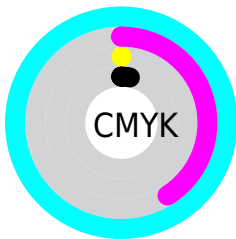
Distribution



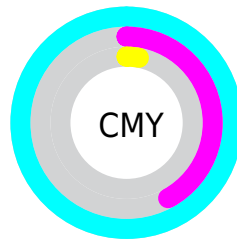
- Red (0%)
- Green (58%)
- Blue (97%)



- Red (0%)
- Yellow (36%)
- Blue (97%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (3%)





- Cyan (100%)
- Magenta (42%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0193F8 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 0193F8 by changing the saturation by 10% instead.


 0193F8

 0193F8

FFFFFF

 007ADB

 6EC8FF

 0061BF

 90E4FF

 004AA3

 B1FFFF

 003588

 D0FFFF

 00216E

 F0FFFF

 000A55

 00063D

 000326

 000110

■ 0193F8

■ 0193F8

■ 0093F8

■ 1A9DF8

■ 33A7F8

■ 4BB1F8

■ 64BCF8

■ 7DC6F8

■ 96D0F8

■ AFDAF8

■ C7E4F8

■ E0EEF8

Harmonies

Analogous

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



00A1ED



0193F8



9B7EE6

Triad

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



0193F8



E86757



00A560

Complementary

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



0193F8



F86601

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.



6D9D31



0193F8



CE7C2E

Square

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



0193F8



ED5D8A



A38F18



00A896

Rectangle

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



0193F8



C56FCD



A38F18



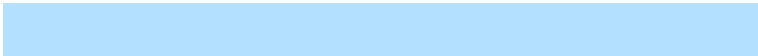
3AA34F

Sweetspot

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



0193F8



B3E0FF



01F864



526D80



000000



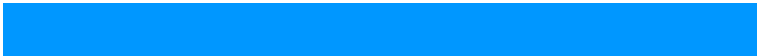
808080

Same Dimension

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



0193F8



0097FF



011AF8



70787D



0070BD



00243D

Inverse Universe

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



F80193



FF0097



F8DF01



7D7078



BD0070



3D0024

Previews

White Background



This preview shows how the Hex color 0193F8 looks on a white background.

Color Contrast Check

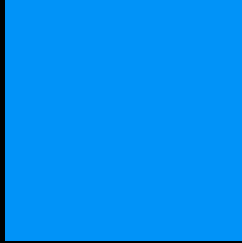
Large Text (above 18pt) WCAG AA ✓ Pass

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 0193F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

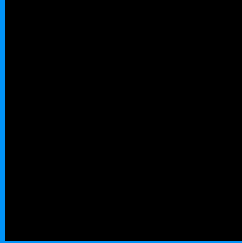
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

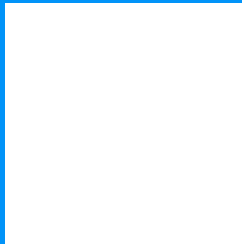
Any Text WCAG AAA × Fail

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

Hex 0193F8 Background



This preview shows how black text looks on a background with the Hex color 0193F8.

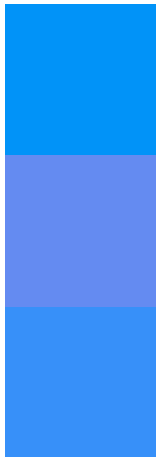


This preview shows how white text looks on a background with the Hex color 0193F8.

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](#).

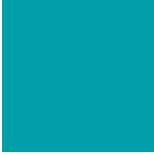
Dichromacy



Original Color
0193F8

Protanopia
648BF1

Deuteranopia
3790F9



Tritanopia
009FA9

Trichromacy



Original Color
0193F8

Protanomaly
408EF4

Deuteranomaly
2391F9

Tritanomaly
009BC6

Monochromacy



Original Color
0193F8

Achromatopsia
737373

Achromatomaly
4A7FA3

CSS Examples

Text

The CSS property to change the color of the text to Hex 0193F8 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 #0193F8 looks like.

```
.text, #text, p{  
    color:#0193F8  
}
```

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 #0193F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0193F8
}
```

Border

The CSS property to change the border of an element to Hex 0193F8 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
#0193F8 }
```

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

```
.border{ border-color:#0193F8 }
```

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

Here you see how a box with a 4 pixel #0193F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0193F8; -webkit-box-shadow:4px 4px  
4px 4px #0193F8; box-shadow:4px 4px 4px  
4px #0193F8 }
```

Background

The CSS property to change the background color of an element to Hex 0193F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0193F8 }
```

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

```
.background{ background-color:#0193F8 }
```

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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