

Converting Colors

Hex(0095FA)

Have a look what the booklet for
Hex(0095FA) contains.

Hex(0095FA)	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(0095FA)

Conversions

Conversions Part 1

Format	Color
Hex	0095FA
RGB	0, 149, 250
RGB Percent	0%, 58%, 98%
CMY	1.0000, 0.4157, 0.0196
CMYK	1.00, 0.40, 0.00, 0.02
HSL	204°, 100%, 49%
HSV	204°, 100%, 98%
XYZ	28.0028, 28.3970, 94.4477
YIQ	115.9630, -121.2250, -0.1770

Conversions

Conversions Part 2

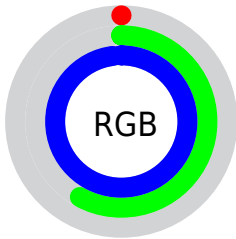
Format	Color
R _Y B	0, 93, 250
Decimal	38394
CIE Lab	60.25, 4.06, -59.28
CIE LCh	60, 59.420, 273.916
Yxy	28.3970, 0.1856, 0.1882
Android (android.graphics.Color)	4278228474 (0xFF0095FA)
YUV	115.9630, 66.0802, -101.6996
Hunter-Lab	53.2889, 0.5445, -67.7818

Details

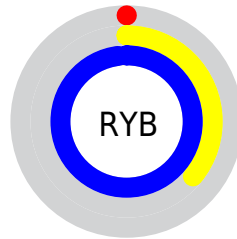
The Hex color **0095FA** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **FA6500**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6FCBFF**, and **0063C1** is the 20% darker color. If you saturate the color by 10%, you get **0095FA**, and if you desaturate by 10%, it is **199FFA**.

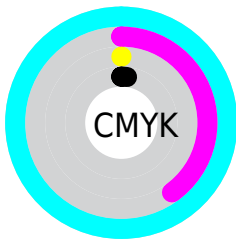
Distribution



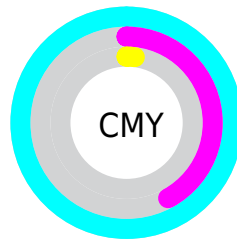
- Red (0%)
- Green (58%)
- Blue (98%)



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



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (2%)




- Cyan (100%)
- Magenta (42%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0095FA 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 0095FA by changing the saturation by 10% instead.

 0095FA

 0095FA

FFFFFF

 007CDD

 6FCBFF

 0063C1

 91E7FF

 004CA5

 B1FFFF

 00368A

 D1FFFF

 002270

 F1FFFF

 000A57

 00063F

 000328

 000112

 0095FA

 199FFA

 32A9FA

 4BB3FA

 64BDFA

 7DC8FA

 96D2FA

 AFDCFA

 C8E6FA

 E1F0FA

Harmonies

Analogous

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



00A3EF



0095FA



9B80E9

Triad

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



0095FA



EB695A



00A761

Complementary

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



0095FA



FA6500

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.



709F33



0095FA



D07D30

Square

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



0095FA



EF5F8C



A6911B



00AA97

Rectangle

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



0095FA



C671D0



A6911B



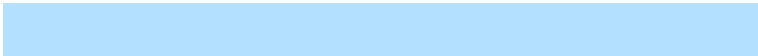
3DA550

Sweetspot

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



0095FA



B3E0FF



00FA64



526D80



000000



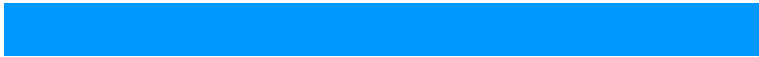
808080

Same Dimension

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



0095FA



0098FF



0019FA



70787D



0070BD



00243D

Inverse Universe

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



FA0095



FF0098



FAE100



7D7078



BD0070



3D0024

Previews

White Background



This preview shows how the Hex color 0095FA looks on a white background.

Color Contrast Check

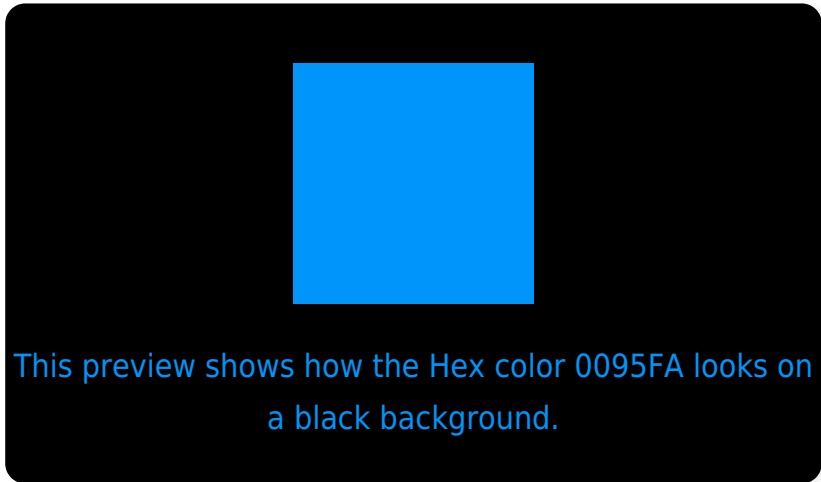
Large Text (above 18pt) WCAG AA ✓ Pass

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

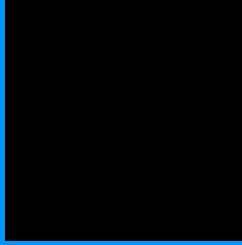
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

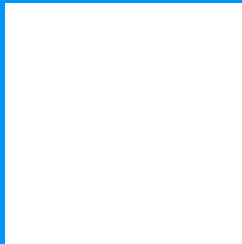
Any Text WCAG AAA × Fail

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

Hex 0095FA Background



This preview shows how black text looks on a background with the Hex color 0095FA.

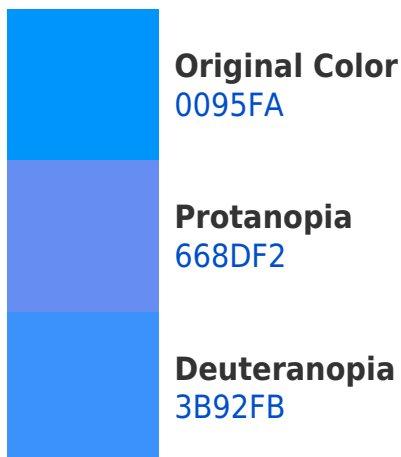


This preview shows how white text looks on a background with the Hex color 0095FA.

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
00A0AC

Trichromacy



Original Color
0095FA

Protanomaly
4190F5

Deuteranomaly
2693FB

Tritanomaly
009CC8

Monochromacy



Original Color
0095FA

Achromatopsia
747474

Achromatomaly
4A80A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 0095FA 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 #0095FA looks like.

```
.text, #text, p{  
    color:#0095FA  
}
```

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 #0095FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0095FA
}
```

Border

The CSS property to change the border of an element to Hex 0095FA 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
#0095FA }
```

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

```
.border{ border-color:#0095FA }
```

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

Here you see how a box with a 4 pixel #0095FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0095FA; -webkit-box-shadow:4px 4px  
4px 4px #0095FA; box-shadow:4px 4px 4px  
4px #0095FA }
```

Background

The CSS property to change the background color of an element to Hex 0095FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0095FA }
```

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

```
.background{ background-color:#0095FA }
```

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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