

Converting Colors

Hex(0095F6)

Have a look what the booklet for
Hex(0095F6) contains.

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Color

Hex(0095F6)

Conversions

Conversions Part 1

Format	Color
Hex	0095F6
RGB	0, 149, 246
RGB Percent	0%, 58%, 96%
CMY	1.0000, 0.4157, 0.0353
CMYK	1.00, 0.39, 0.00, 0.04
HSL	204°, 100%, 48%
HSV	204°, 100%, 96%
XYZ	27.3820, 28.1487, 91.1788
YIQ	115.5070, -119.9410, -1.4210

Conversions

Conversions Part 2

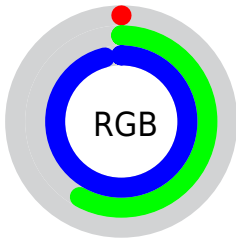
Format	Color
R _Y B	0, 93, 246
Decimal	38390
CIE Lab	60.02, 2.54, -57.44
CIE LCh	60, 57.495, 272.534
Yxy	28.1487, 0.1866, 0.1919
Android (android.graphics.Color)	4278228470 (0xFF0095F6)
YUV	115.5070, 64.3330, -101.2996
Hunter-Lab	53.0554, -0.7226, -64.7547

Details

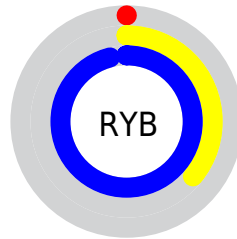
The Hex color **0095F6** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F66100**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6ECBFF**, and **0063BD** is the 20% darker color. If you saturate the color by 10%, you get **0095F6**, and if you desaturate by 10%, it is **199FF6**.

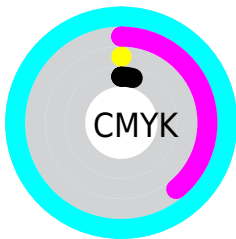
Distribution



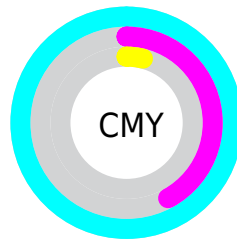
- Red (0%)
- Green (58%)
- Blue (96%)



- Red (0%)
- Yellow (36%)
- Blue (96%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (4%)





- Cyan (100%)
- Magenta (42%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0095F6 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 0095F6 by changing the saturation by 10% instead.

 0095F6

 0095F6

FFFFFF

 007CD9

 6ECBFF

 0063BD

 8FE7FF

 004CA2

 B0FFFF

 003687

 CFFFFFF

 00226D

 EFFFFFF

 000A54

 00063C

 000225

 00010E

 0095F6

 199FF6

 31A8F6

 4AB2F6

 62BCF6

 7BC5F6

 94CFF6

 ACD9F6

 C5E3F6

 DDEC F6

Harmonies

Analogous

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



00A2EA



0095F6



9781E6

Triad

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



0095F6



E8695D



1CA560

Complementary

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



0095F6



F66100

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.



749D34



0095F6



D07D35

Square

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



0095F6



EB618E



A79020



00A994

Rectangle

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



0095F6



C273CF



A79020



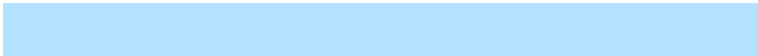
45A350

Sweetspot

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



0095F6



B3E1FF



00F65E



526D80



000000



808080

Same Dimension

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



0095F6



009AFF



001DF6



6E767A



0071BA



00243B

Inverse Universe

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



F60095



FF009A



F6D900



7A6E76



BA0071



3B0024

Previews

White Background



This preview shows how the Hex color 0095F6 looks on a white background.

Color Contrast Check

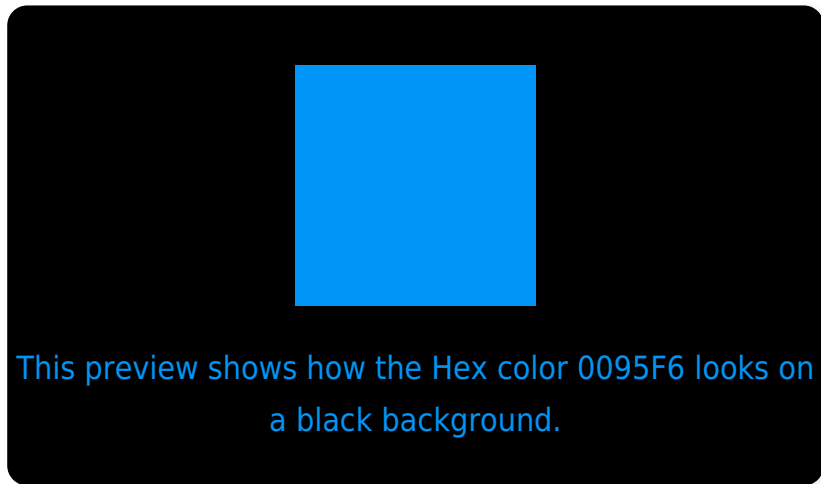
Large Text (above 18pt) WCAG AA ✓ Pass

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

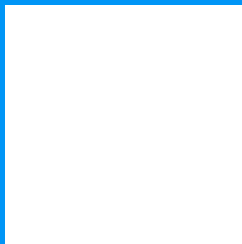
Any Text WCAG AAA × Fail

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

Hex 0095F6 Background



This preview shows how black text looks on a background with the Hex color 0095F6.



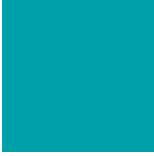
This preview shows how white text looks on a background with the Hex color 0095F6.

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
00A0AB

Trichromacy



Original Color
0095F6

Protanomaly
4290F1

Deuteranomaly
2992F7

Tritanomaly
009CC6

Monochromacy



Original Color
0095F6

Achromatopsia
747474

Achromatomaly
4A80A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 0095F6 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 #0095F6 looks like.

```
.text, #text, p{  
    color:#0095F6  
}
```

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 #0095F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0095F6
}
```

Border

The CSS property to change the border of an element to Hex 0095F6 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
#0095F6 }
```

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

```
.border{ border-color:#0095F6 }
```

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

Here you see how a box with a 4 pixel #0095F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0095F6; -webkit-box-shadow:4px 4px  
4px 4px #0095F6; box-shadow:4px 4px 4px  
4px #0095F6 }
```

Background

The CSS property to change the background color of an element to Hex 0095F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0095F6 }
```

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

```
.background{ background-color:#0095F6 }
```

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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