

Converting Colors

Hex(05A1FF)

Have a look what the booklet for
Hex(05A1FF) contains.

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Color

Hex(05A1FF)

Conversions

Conversions Part 1

Format	Color
Hex	05A1FF
RGB	5, 161, 255
RGB Percent	2%, 63%, 100%
CMY	0.9804, 0.3686, 0.0000
CMYK	0.98, 0.37, 0.00, 0.00
HSL	203°, 100%, 51%
HSV	203°, 98%, 100%
XYZ	30.8575, 32.7420, 99.3012
YIQ	125.0720, -123.1500, -3.8380

Conversions

Conversions Part 2

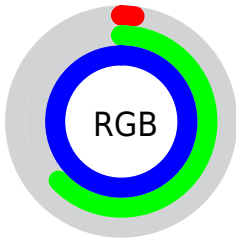
Format	Color
R _Y B	5, 101, 255
Decimal	369151
CIE Lab	63.95, -0.97, -56.10
CIE LCh	64, 56.113, 269.007
Yxy	32.7420, 0.1894, 0.2010
Android (android.graphics.Color)	4278559231 (0xFF05A1FF)
YUV	125.0720, 64.0545, -105.3031
Hunter-Lab	57.2206, -3.8761, -62.8380

Details

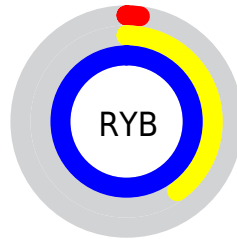
The Hex color **05A1FF** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **FF6305**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **71D7FF**, and **006EC6** is the 20% darker color. If you saturate the color by 10%, you get **009FFF**, and if you desaturate by 10%, it is **1FABFF**.

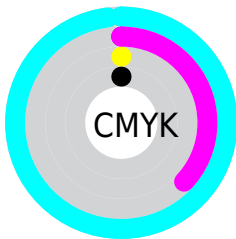
Distribution



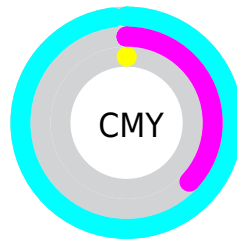
- Red (2%)
- Green (63%)
- Blue (100%)



- Red (2%)
- Yellow (40%)
- Blue (100%)



- Cyan (98%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (98%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05A1FF 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 05A1FF by changing the saturation by 10% instead.

 05A1FF

 05A1FF

FFFFFF

 0087E2


 71D7FF

 006EC6

 93F4FF

 0056AA

 B3FFFF

 00408F

 D3FFFF

 002B75

 F3FFFF

 00175C

 000743

 00032C

 000116

 05A1FF

 05A1FF

 009FFF

 1FABFF

 38B4FF

 52BEFF

 6BC7FF

 85D1FF

 9EDBFF

 B8E4FF

 D1EEFF

 EBF7FF

Harmonies

Analogous

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



00ADF0



05A1FF



998EF3

Triad

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



05A1FF



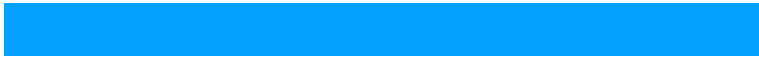
F4736D



40AF65

Complementary

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



05A1FF



FF6305

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.



86A63D



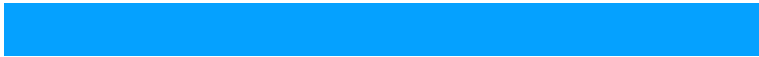
05A1FF



DE8545

Square

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



05A1FF



F46E9F



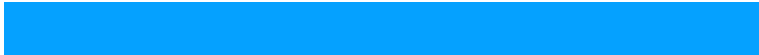
B89830



00B398

Rectangle

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



05A1FF



C680DD



B89830



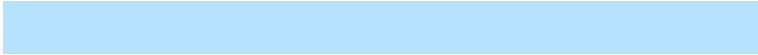
5CAD56

Sweetspot

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



05A1FF



B5E3FF



05FF61



536F80



000000



808080

Same Dimension

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



05A1FF



009FFF



0526FF



737B80



0077BF



002840

Inverse Universe

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



FF05A1



FF009F



FFDE05



80737B



BF0077



400028

Previews

White Background



This preview shows how the Hex color 05A1FF looks on a white background.

Color Contrast Check

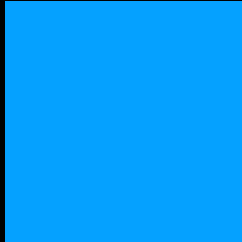
Large Text (above 18pt) WCAG AA × Fail

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 05A1FF 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

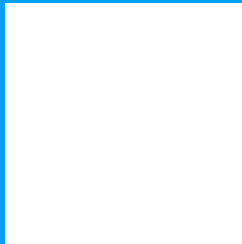
Any Text WCAG AAA ✓ Pass

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

Hex 05A1FF Background



This preview shows how black text looks on a background with the Hex color 05A1FF.



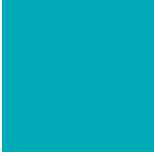
This preview shows how white text looks on a background with the Hex color 05A1FF.

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
00ABB7

Trichromacy



Original Color
05A1FF

Protanomaly
4C9BF9

Deuteranomaly
399DFF

Tritanomaly
02A7D1

Monochromacy



Original Color
05A1FF

Achromatopsia
7D7D7D

Achromatomaly
518AAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 05A1FF 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 #05A1FF looks like.

```
.text, #text, p{  
    color:#05A1FF  
}
```

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 #05A1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05A1FF
}
```

Border

The CSS property to change the border of an element to Hex 05A1FF 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
#05A1FF }
```

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

```
.border{ border-color:#05A1FF }
```

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

Here you see how a box with a 4 pixel #05A1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05A1FF; -webkit-box-shadow:4px 4px  
4px 4px #05A1FF; box-shadow:4px 4px 4px  
4px #05A1FF }
```

Background

The CSS property to change the background color of an element to Hex 05A1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05A1FF }
```

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

```
.background{ background-color:#05A1FF }
```

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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