

Converting Colors

Hex(5AF0FF)

Have a look what the booklet for
Hex(5AF0FF) contains.

Hex(5AF0FF)	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(5AF0FF)

Conversions

Conversions Part 1

Format	Color
Hex	5AF0FF
RGB	90, 240, 255
RGB Percent	35%, 94%, 100%
CMY	0.6471, 0.0588, 0.0000
CMYK	0.65, 0.06, 0.00, 0.00
HSL	185°, 100%, 68%
HSV	185°, 65%, 100%
XYZ	53.4265, 71.7138, 105.6340
YIQ	196.8600, -94.2150, -27.1350

Conversions

Conversions Part 2

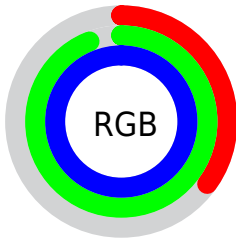
Format	Color
RYB	90, 169, 255
Decimal	5959935
CIELab	87.83, -34.90, -18.97
CIELCh	88, 39.725, 208.528
Yxy	71.7138, 0.2315, 0.3108
Android (android.graphics.Color)	4284150015 (0xFF5AF0FF)
YUV	196.8600, 28.6630, -93.7162
Hunter-Lab	84.6840, -35.5827, -14.6790

Details

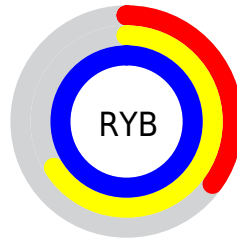
The Hex color **5AF0FF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **FF695A**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **9DFFFF**, and **00B7C6** is the 20% darker color. If you saturate the color by 10%, you get **41EEFF**, and if you desaturate by 10%, it is **74F2FF**.

Distribution



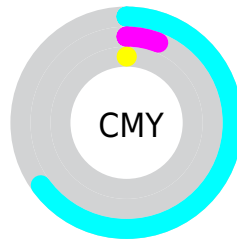
- Red (35%)
- Green (94%)
- Blue (100%)



- Red (35%)
- Yellow (66%)
- Blue (100%)



- Cyan (65%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AF0FF 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 5AF0FF by changing the saturation by 10% instead.

 5AF0FF

 5AF0FF

FFFFFF

 30D3E2

 9DFFFF

 00B7C6

 BCFFFF

 009CAB

 DCFFFF

 008290

 FBFFFF

 006877

 004F5E

 003846

 002430

 00011C

 5AF0FF

 5AF0FF

 41EEFF

 74F2FF

 27EBFF

 8DF5FF

 0EE9FF

 A7F7FF

 00E8FF

 C0F9FF

 DAFCFF

 F3FEFF

FFFFFF

Harmonies

Analogous

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



78F1D9



5AF0FF



6FEBFF

Triad

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



5AF0FF



FFC7FF



F8D990

Complementary

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



5AF0FF



FF695A

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.



FFCC9D



5AF0FF



FFC0E0

Square

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



5AF0FF



DFD3FF



FFC2BA



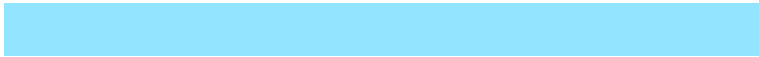
D0E599

Rectangle

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



5AF0FF



92E4FF



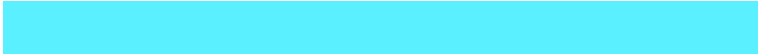
FFC2BA



FFD592

Sweetspot

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



5AF0FF



CFFBFF



5AFF68



627D80



000000



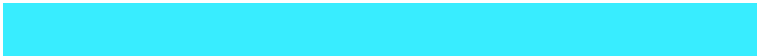
808080

Same Dimension

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



5AF0FF



38EDFF



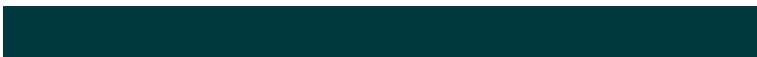
5A9FFF



737E80



00AEBF



003A40

Inverse Universe

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



FF5AF0



FF38ED



FFBA5A



80737E



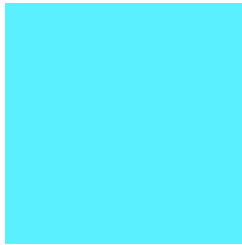
BF00AE



40003A

Previews

White Background



This preview shows how the Hex color 5AF0FF looks on a white background.

Color Contrast Check

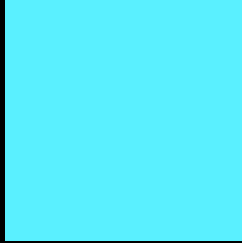
Large Text (above 18pt) WCAG AA × Fail

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 5AF0FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

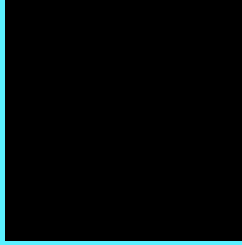
Any Text WCAG AA ✓ Pass

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 5AF0FF Background



This preview shows how black text looks on a background with the Hex color 5AF0FF.

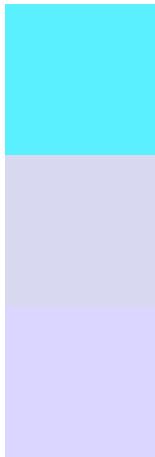


This preview shows how white text looks on a background with the Hex color 5AF0FF.

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](#).

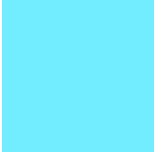
Dichromacy



Original Color
5AF0FF

Protanopia
D8D9F0

Deuteranopia
DBD6FF



Tritanopia
72EDFF

Trichromacy



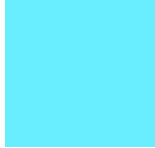
Original Color
5AF0FF



Protanomaly
AAE1F5



Deuteranomaly
ACDFFF

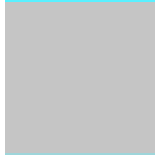


Tritanomaly
69EEFF

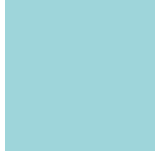
Monochromacy



Original Color
5AF0FF



Achromatopsia
C5C5C5



Achromatomaly
9ED5DA

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AF0FF 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 #5AF0FF looks like.

```
.text, #text, p{  
    color:#5AF0FF  
}
```

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 #5AF0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AF0FF
}
```

Border

The CSS property to change the border of an element to Hex 5AF0FF 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
#5AF0FF }
```

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

```
.border{ border-color:#5AF0FF }
```

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

Here you see how a box with a 4 pixel #5AF0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AF0FF; -webkit-box-shadow:4px 4px  
4px 4px #5AF0FF; box-shadow:4px 4px 4px  
4px #5AF0FF }
```

Background

The CSS property to change the background color of an element to Hex 5AF0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AF0FF }
```

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

```
.background{ background-color:#5AF0FF }
```

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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