

Converting Colors

Hex(3AF8FF)

Have a look what the booklet for
Hex(3AF8FF) contains.

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Color

Hex(3AF8FF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 3AF8FF |
| RGB | 58, 248, 255 |
| RGB Percent | 23%, 97%, 100% |
| CMY | 0.7725, 0.0275, 0.0000 |
| CMYK | 0.77, 0.03, 0.00, 0.00 |
| HSL | 182°, 100%, 61% |
| HSV | 182°, 77%, 100% |
| XYZ | 53.3623, 75.2543, 106.3208 |
| YIQ | 191.9880, -115.4870, -38.1030 |

Conversions

Conversions Part 2

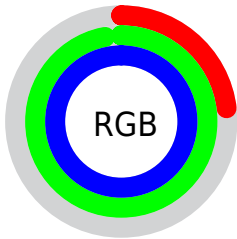
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 58, 155, 255 |
| Decimal | 3864831 |
| CIELab | 89.51, -42.31, -16.50 |
| CIElCh | 90, 45.418, 201.305 |
| Yxy | 75.2543, 0.2271, 0.3203 |
| Android (android.graphics.Color) | 4282054911 (0xFF3AF8FF) |
| YUV | 191.9880, 31.0649, -117.5075 |
| Hunter-Lab | 86.7493, -42.0100, -11.9420 |

Details

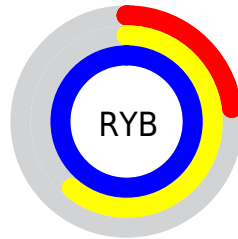
The Hex color **3AF8FF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF413A**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **89FFFF**, and **00BFC6** is the 20% darker color. If you saturate the color by 10%, you get **20F7FF**, and if you desaturate by 10%, it is **53F9FF**.

Distribution



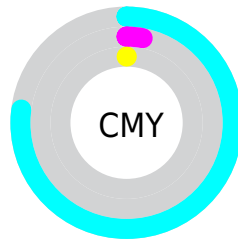
- Red (23%)
- Green (97%)
- Blue (100%)



- Red (23%)
- Yellow (61%)
- Blue (100%)



- Cyan (77%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (77%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AF8FF 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 3AF8FF by changing the saturation by 10% instead.

 3AF8FF

 3AF8FF

FFFFFF

 00DBE2


 89FFFF

 00BFC6

 ABFFFF

 00A3AB

 CBFFFF

 008991

 EBFFFF

 006E77

 00555E

 003D47

 002830

 00021C

 3AF8FF

 3AF8FF

 20F7FF

 53F9FF

 07F6FF

 6DFAFF

 00F6FF

 86FBFF

 A0FCFF

 B9FDFF

 D3FDFF

 ECFEFF

FFFFFF

Harmonies

Analogous

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



74F8D2



3AF8FF



43F3FF

Triad

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



3AF8FF



FFCBFF



FFDA8B

Complementary

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



3AF8FF



FF413A

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.



FFCB9F



3AF8FF



FFC1EF

Square

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



3AF8FF



D4DAFF



FFC1C4



DEE88F

Rectangle

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



3AF8FF



74EDFF



FFC1C4



FFD58F

Sweetspot

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



3AF8FF



C4DFFF



3AFF41



5C7E80



000000



808080

Same Dimension

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



3AF8FF



12F7FF



3A96FF



737F80



00B8BF



003D40

Inverse Universe

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



FF3AF8



FF12F7



FFA33A



80737F



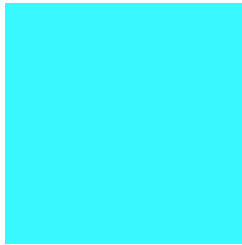
BF00B8



40003D

Previews

White Background



This preview shows how the Hex color 3AF8FF looks on a white background.

Color Contrast Check

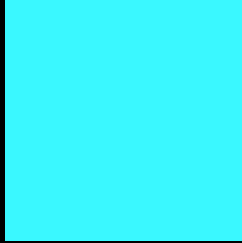
Large Text (above 18pt) WCAG AA × Fail

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 3AF8FF 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

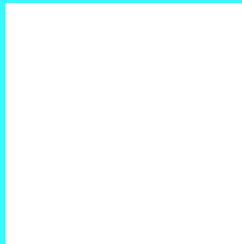
Any Text WCAG AAA ✓ Pass

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

Hex 3AF8FF Background



This preview shows how black text looks on a background with the Hex color 3AF8FF.

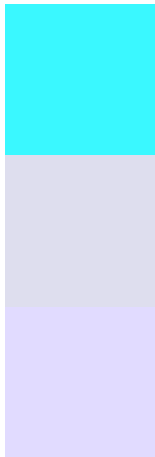


This preview shows how white text looks on a background with the Hex color 3AF8FF.

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](#).

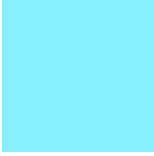
Dichromacy



Original Color
3AF8FF

Protanopia
DEDEEE

Deuteranopia
E1DBFF



Tritanopia
87F0FF

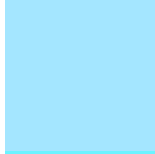
Trichromacy



Original Color
3AF8FF



Protanomaly
A2E7F4



Deuteranomaly
A4E6FF

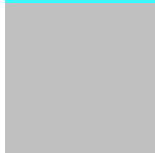


Tritanomaly
6BF3FF

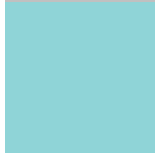
Monochromacy



Original Color
3AF8FF



Achromatopsia
C0C0C0



Achromatomaly
8FD4D7

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AF8FF 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 #3AF8FF looks like.

```
.text, #text, p{  
    color:#3AF8FF  
}
```

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 #3AF8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AF8FF
}
```

Border

The CSS property to change the border of an element to Hex 3AF8FF 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
#3AF8FF }
```

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

```
.border{ border-color:#3AF8FF }
```

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

Here you see how a box with a 4 pixel #3AF8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AF8FF; -webkit-box-shadow:4px 4px  
4px 4px #3AF8FF; box-shadow:4px 4px 4px  
4px #3AF8FF }
```

Background

The CSS property to change the background color of an element to Hex 3AF8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AF8FF }
```

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

```
.background{ background-color:#3AF8FF }
```

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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