

Converting Colors

Hex(3AF4FF)

Have a look what the booklet for
Hex(3AF4FF) contains.

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Color

Hex(3AF4FF)

Conversions

Conversions Part 1

Format	Color
Hex	3AF4FF
RGB	58, 244, 255
RGB Percent	23%, 96%, 100%
CMY	0.7725, 0.0431, 0.0000
CMYK	0.77, 0.04, 0.00, 0.00
HSL	183°, 100%, 61%
HSV	183°, 77%, 100%
XYZ	52.1456, 72.8209, 105.9152
YIQ	189.6400, -114.3870, -36.0110

Conversions

Conversions Part 2

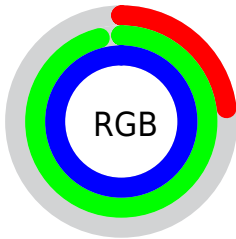
Format	Color
RYB	58, 154, 255
Decimal	3863807
CIELab	88.36, -40.52, -18.23
CIELCh	88, 44.430, 204.226
Yxy	72.8209, 0.2259, 0.3154
Android (android.graphics.Color)	4282053887 (0xFF3AF4FF)
YUV	189.6400, 32.2225, -115.4483
Hunter-Lab	85.3352, -40.2609, -13.8542

Details

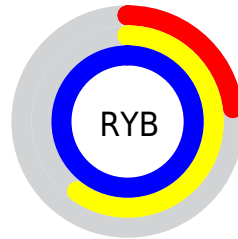
The Hex color **3AF4FF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF453A**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **89FFFF**, and **00BBC6** is the 20% darker color. If you saturate the color by 10%, you get **20F3FF**, and if you desaturate by 10%, it is **53F5FF**.

Distribution



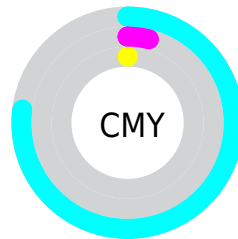
- Red (23%)
- Green (96%)
- Blue (100%)



- Red (23%)
- Yellow (60%)
- Blue (100%)



- Cyan (77%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (77%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AF4FF 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 3AF4FF by changing the saturation by 10% instead.

 3AF4FF

 3AF4FF

FFFFFF

 00D7E2

 89FFFF

 00BBC6

 AAFFFF

 00A0AB

 CBFFFF

 008591

 EBFFFF

 006B77

 00525E

 003A47

 002530

 00011C

 3AF4FF

 3AF4FF

 20F3FF

 53F5FF

 07F1FF

 6DF7FF

 00F1FF

 86F8FF

 A0FAFF

 B9FBFF

 D3FDFF

 ECFEFF

FFFFFF

Harmonies

Analogous

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



6FF4D4



3AF4FF



4DEFFF

Triad

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



3AF4FF



FFC7FF



FFD889

Complementary

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



3AF4FF



FF453A

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.



FFCA9B



3AF4FF



FFBEE8

Square

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



3AF4FF



D7D6FF



FFBFBD



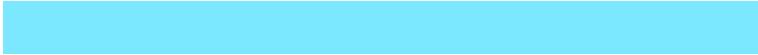
D7E68F

Rectangle

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



3AF4FF



7BE8FF



FFBFBD



FFD38D

Sweetspot

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



3AF4FF



C4FCFF



3AFF44



5C7E80



000000



808080

Same Dimension

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



3AF4FF



12F2FF



3A93FF



737F80



00B5BF



003C40

Inverse Universe

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



FF3AF4



FF12F2



FFA63A



80737F



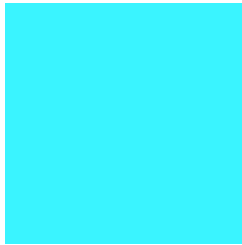
BF00B5



40003C

Previews

White Background



This preview shows how the Hex color 3AF4FF looks on a white background.

Color Contrast Check

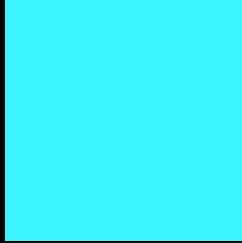
Large Text (above 18pt) WCAG AA × Fail

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 3AF4FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

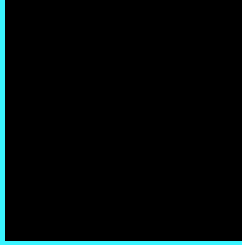
Any Text WCAG AA ✓ Pass

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 3AF4FF Background



This preview shows how black text looks on a background with the Hex color 3AF4FF.

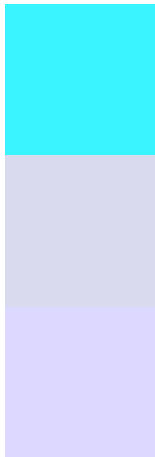


This preview shows how white text looks on a background with the Hex color 3AF4FF.

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](#).

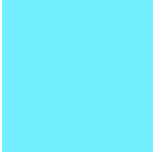
Dichromacy



Original Color
3AF4FF

Protanopia
DADAEF

Deuteranopia
DDD8FF

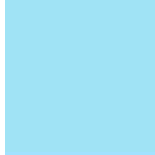


Tritanopia
74EFFF

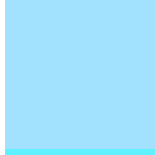
Trichromacy



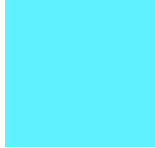
Original Color
3AF4FF



Protanomaly
A0E3F5



Deuteranomaly
A2E2FF

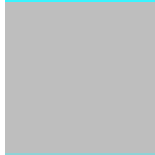


Tritanomaly
5FF1FF

Monochromacy



Original Color
3AF4FF



Achromatopsia
BEBEBE



Achromatomaly
8ED2D6

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AF4FF 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 #3AF4FF looks like.

```
.text, #text, p{  
    color:#3AF4FF  
}
```

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 #3AF4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AF4FF
}
```

Border

The CSS property to change the border of an element to Hex 3AF4FF 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
#3AF4FF }
```

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

```
.border{ border-color:#3AF4FF }
```

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

Here you see how a box with a 4 pixel #3AF4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AF4FF; -webkit-box-shadow:4px 4px  
4px 4px #3AF4FF; box-shadow:4px 4px 4px  
4px #3AF4FF }
```

Background

The CSS property to change the background color of an element to Hex 3AF4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AF4FF }
```

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

```
.background{ background-color:#3AF4FF }
```

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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