

Converting Colors

Hex(3BA3FF)

Have a look what the booklet for
Hex(3BA3FF) contains.

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Color

Hex(3BA3FF)

Conversions

Conversions Part 1

Format	Color
Hex	3BA3FF
RGB	59, 163, 255
RGB Percent	23%, 64%, 100%
CMY	0.7686, 0.3608, 0.0000
CMYK	0.77, 0.36, 0.00, 0.00
HSL	208°, 100%, 62%
HSV	208°, 77%, 100%
XYZ	32.9508, 34.3442, 99.5001
YIQ	142.3920, -91.5160, 6.5640

Conversions

Conversions Part 2

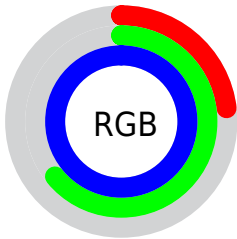
Format	Color
RYB	59, 127, 255
Decimal	3908607
CIELab	65.23, 1.10, -54.02
CIElCh	65, 54.033, 271.163
Yxy	34.3442, 0.1976, 0.2059
Android (android.graphics.Color)	4282098687 (0xFF3BA3FF)
YUV	142.3920, 55.5157, -73.1348
Hunter-Lab	58.6039, -2.1929, -59.6423

Details

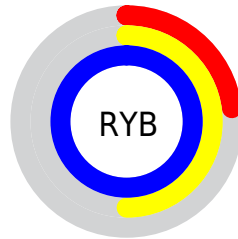
The Hex color **3BA3FF** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FF973B**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **84DAFF**, and **0070C6** is the 20% darker color. If you saturate the color by 10%, you get **2197FF**, and if you desaturate by 10%, it is **55AFFF**.

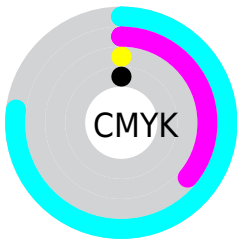
Distribution



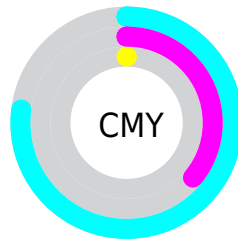
- Red (23%)
- Green (64%)
- Blue (100%)



- Red (23%)
- Yellow (50%)
- Blue (100%)



- Cyan (77%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (77%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BA3FF 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 3BA3FF by changing the saturation by 10% instead.

 3BA3FF

 3BA3FF

FFFFFF

 0089E2

 84DAFF

 0070C6

 A4F6FF

 0058AA

 C3FFFF

 00418F

 E3FFFF

 002C75

 00195C

 000743

 00032C

 000117

 3BA3FF

 3BA3FF

 2197FF

 55AFFF

 088BFF

 6EBBFF

 0087FF

 88C7FF

 A1D3FF

 BBDFFF

 D4EBFF

 EE77FF

FFFFFF

Harmonies

Analogous

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



00AFF2



3BA3FF



A391F1

Triad

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



3BA3FF



F57A6F



43B36E

Complementary

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



3BA3FF



FF973B

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.



86AA47



3BA3FF



DE8B49

Square

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



3BA3FF



F5739E



B89C38



00B69F

Rectangle

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



3BA3FF



CC84DC



B89C38



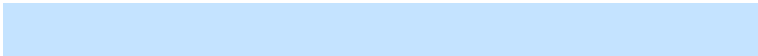
5EB05F

Sweetspot

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



3BA3FF



C4E3FF



3BFF96



5C6F80



000000



808080

Same Dimension

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



3BA3FF



1491FF



3B42FF



737A80



0065BF



002240

Inverse Universe

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



FF3BA3



FF1491



FFF83B



80737A



BF0065



400022

Previews

White Background



This preview shows how the Hex color 3BA3FF looks on a white background.

Color Contrast Check

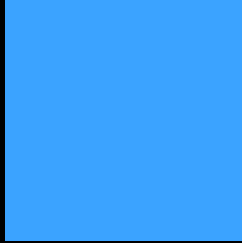
Large Text (above 18pt) WCAG AA × Fail

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 3BA3FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

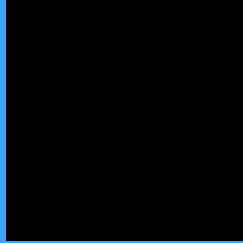
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

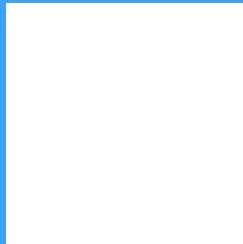
Any Text WCAG AAA ✓ Pass

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

Hex 3BA3FF Background



This preview shows how black text looks on a background with the Hex color 3BA3FF.



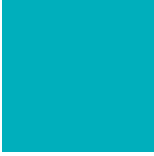
This preview shows how white text looks on a background with the Hex color 3BA3FF.

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](#).

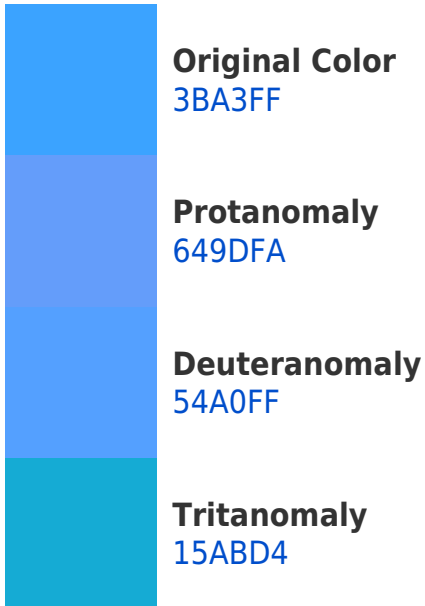
Dichromacy



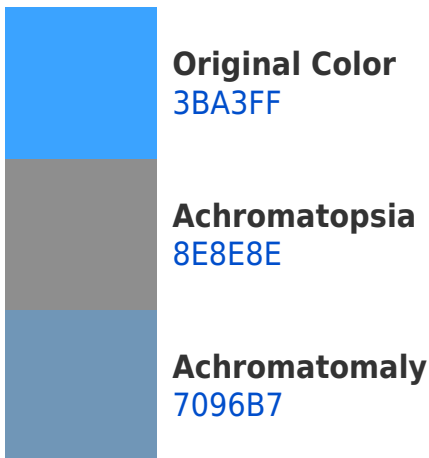


Tritanopia
00AFBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BA3FF 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 #3BA3FF looks like.

```
.text, #text, p{  
    color:#3BA3FF  
}
```

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 #3BA3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BA3FF
}
```

Border

The CSS property to change the border of an element to Hex 3BA3FF 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
#3BA3FF }
```

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

```
.border{ border-color:#3BA3FF }
```

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

Here you see how a box with a 4 pixel #3BA3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BA3FF; -webkit-box-shadow:4px 4px  
4px 4px #3BA3FF; box-shadow:4px 4px 4px  
4px #3BA3FF }
```

Background

The CSS property to change the background color of an element to Hex 3BA3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BA3FF }
```

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

```
.background{ background-color:#3BA3FF }
```

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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