

Converting Colors

Hex(5AA3FF)

Have a look what the booklet for
Hex(5AA3FF) contains.

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Color

Hex(5AA3FF)

Conversions

Conversions Part 1

Format	Color
Hex	5AA3FF
RGB	90, 163, 255
RGB Percent	35%, 64%, 100%
CMY	0.6471, 0.3608, 0.0000
CMYK	0.65, 0.36, 0.00, 0.00
HSL	213°, 100%, 68%
HSV	213°, 65%, 100%
XYZ	35.3636, 35.5880, 99.6131
YIQ	151.6610, -73.0400, 13.1360

Conversions

Conversions Part 2

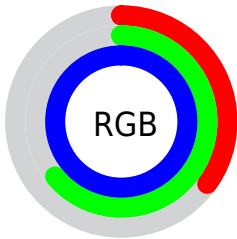
Format	Color
R _Y B	90, 141, 255
Decimal	5940223
CIE Lab	66.20, 5.29, -52.42
CIE LCh	66, 52.691, 275.764
Yxy	35.5880, 0.2073, 0.2086
Android (android.graphics.Color)	4284130303 (0xFF5AA3FF)
YUV	151.6610, 50.9461, -54.0767
Hunter-Lab	59.6557, 1.4165, -57.2434

Details

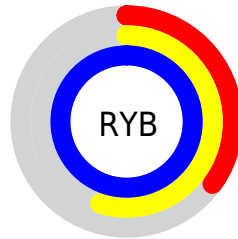
The Hex color **5AA3FF** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **FFB65A**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **9ADAFF**, and **0070C6** is the 20% darker color. If you saturate the color by 10%, you get **4195FF**, and if you desaturate by 10%, it is **74B1FF**.

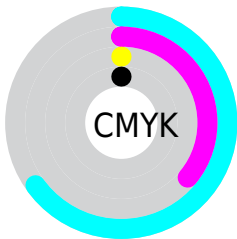
Distribution



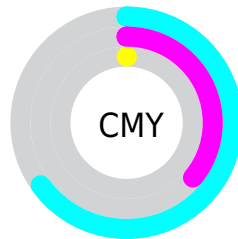
- Red (35%)
- Green (64%)
- Blue (100%)



- Red (35%)
- Yellow (55%)
- Blue (100%)



- Cyan (65%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AA3FF 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 5AA3FF by changing the saturation by 10% instead.

 5AA3FF

 5AA3FF

FFFFFF

 3489E2

 9ADAFF

 0070C6

 B8F6FF

 0058AA

 D7FFFF

 00418F

 F5FFFF

 002C75

 00195C

 000744

 00032C

 000117

■ 5AA3FF

■ 5AA3FF

■ 4195FF

■ 74B1FF

■ 2787FF

■ 8DBFFF

■ 0E78FF

■ A7CEFF

■ 0071FF

■ C0DCFF

■ DAEAFF

■ F3F8FF

FFFFFF

Harmonies

Analogous

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



00B0F7



5AA3FF



B091EE

Triad

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



5AA3FF



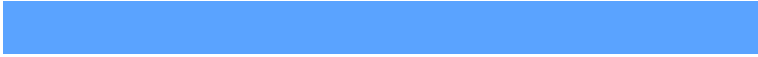
F47F6C



3BB678

Complementary

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



5AA3FF



FFB65A

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.



82AE50



5AA3FF



DB904A

Square

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



5AA3FF



F8779A



B3A13E



00B9A9

Rectangle

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



5AA3FF



D584D7



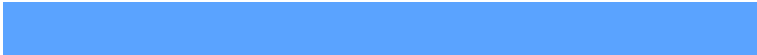
B3A13E



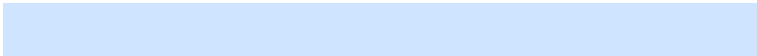
58B46A

Sweetspot

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



5AA3FF



CFE4FF



5AFFB5



626F80



000000



808080

Same Dimension

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



5AA3FF



3890FF



625AFF



737880



0055BF



001C40

Inverse Universe

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



FF5AA3



FF3890



F7FF5A



807378



BF0055



40001C

Previews

White Background



This preview shows how the Hex color 5AA3FF looks on a white background.

Color Contrast Check

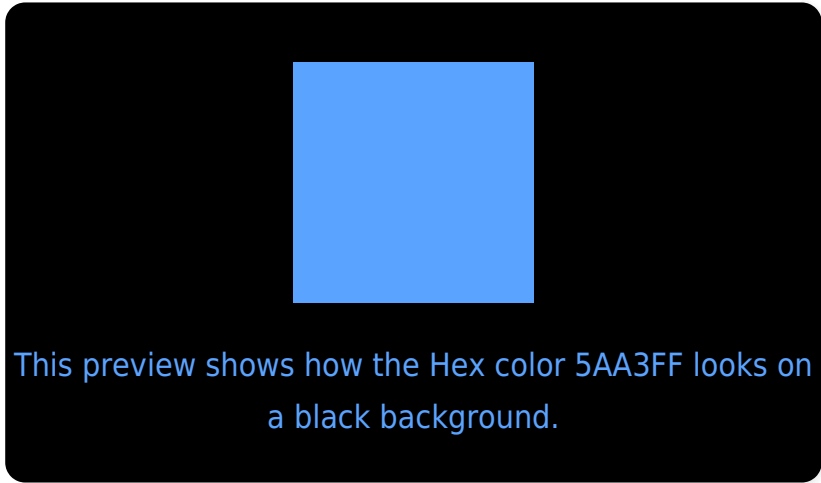
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

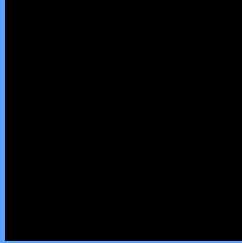
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

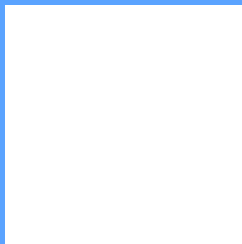
Any Text WCAG AAA ✓ Pass

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

Hex 5AA3FF Background



This preview shows how black text looks on a background with the Hex color 5AA3FF.

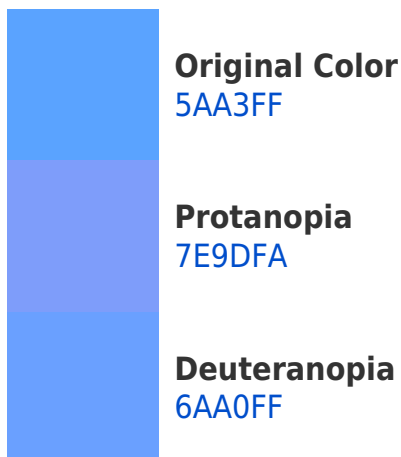


This preview shows how white text looks on a background with the Hex color 5AA3FF.

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](#).

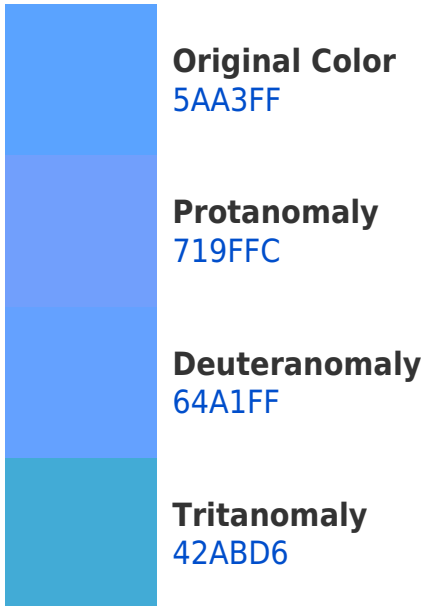
Dichromacy



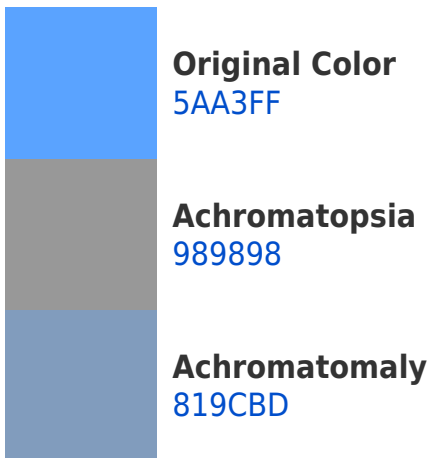


Tritanopia
35B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AA3FF 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 #5AA3FF looks like.

```
.text, #text, p{  
    color:#5AA3FF  
}
```

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 #5AA3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AA3FF  
}
```

Border

The CSS property to change the border of an element to Hex 5AA3FF 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  
#5AA3FF }
```

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

```
.border{ border-color:#5AA3FF }
```

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

Here you see how a box with a 4 pixel #5AA3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AA3FF; -webkit-box-shadow:4px 4px  
4px 4px #5AA3FF; box-shadow:4px 4px 4px  
4px #5AA3FF }
```

Background

The CSS property to change the background color of an element to Hex 5AA3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AA3FF }
```

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

```
.background{ background-color:#5AA3FF }
```

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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