

Converting Colors

Hex(3AA5F6)

Have a look what the booklet for
Hex(3AA5F6) contains.

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Color

Hex(3AA5F6)

Conversions

Conversions Part 1

Format	Color
Hex	3AA5F6
RGB	58, 165, 246
RGB Percent	23%, 65%, 96%
CMY	0.7725, 0.3529, 0.0353
CMYK	0.76, 0.33, 0.00, 0.04
HSL	206°, 91%, 60%
HSV	206°, 76%, 96%
XYZ	31.8346, 34.4636, 92.1631
YIQ	142.2410, -89.7730, 2.5070

Conversions

Conversions Part 2

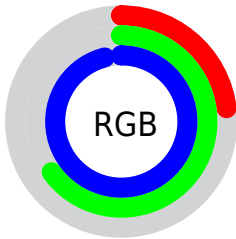
Format	Color
R _Y B	58, 126, 246
Decimal	3843574
CIE Lab	65.33, -3.32, -48.97
CIE LCh	65, 49.079, 266.121
Yxy	34.4636, 0.2009, 0.2175
Android (android.graphics.Color)	4282033654 (0xFF3AA5F6)
YUV	142.2410, 51.1532, -73.8794
Hunter-Lab	58.7057, -5.9391, -51.9863

Details

The Hex color **3AA5F6** 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 **F68B3A**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **82DCFF**, and **0072BD** is the 20% darker color. If you saturate the color by 10%, you get **219AF6**, and if you desaturate by 10%, it is **53B0F6**.

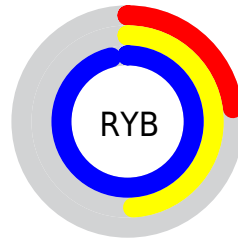
Distribution



Red (23%)

Green (65%)

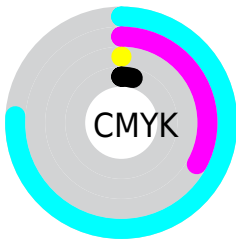
Blue (96%)



Red (23%)

Yellow (49%)

Blue (96%)

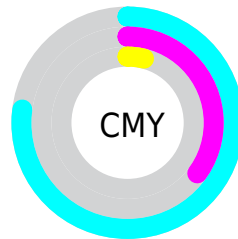


Cyan (76%)

Magenta (33%)

Yellow (0%)

Black (4%)



Cyan (77%)

Magenta (35%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AA5F6 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 3AA5F6 by changing the saturation by 10% instead.

■ 3AA5F6

■ 3AA5F6

FFFFFF

■ 008BD9

■ 82DCFF

■ 0072BD

■ A2F8FF

■ 0059A2

■ C1FFFF

■ 004287

■ E0FFFF

■ 002D6D

■ 001954

■ 00063D

■ 000326

■ 00010F

■ 3AA5F6

■ 3AA5F6

■ 219AF6

■ 53B0F6

■ 0990F6

■ 6BBAF6

■ 008CF6

■ 84C5F6

■ 9CCFF6

■ B5DAF6

■ CEE5F6

■ E6EFF6

■ FFFAF6

■ FFFFF6

Harmonies

Analogous

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



00AFE7



3AA5F6



9895EE

Triad

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



3AA5F6



F07C7A



5BB06C

Complementary

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



3AA5F6



F68B3A

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.



92A84C



3AA5F6



DE8A56

Square

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



3AA5F6



EC7AA6



BD9A44



00B497

Rectangle

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



3AA5F6



C08ADC



BD9A44



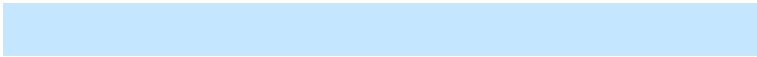
6FAE5F

Sweetspot

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



3AA5F6



C4E6FF



3AF688



5C7080



000000



808080

Same Dimension

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



3AA5F6



149AFF



3A4AF6



6E757A



006ABA



00213B

Inverse Universe

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



F63AA5



FF149A



F6E63A



7A6E75



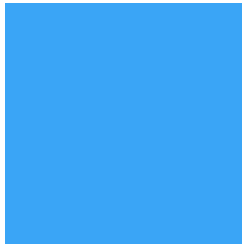
BA006A



3B0021

Previews

White Background



This preview shows how the Hex color 3AA5F6 looks on a white background.

Color Contrast Check

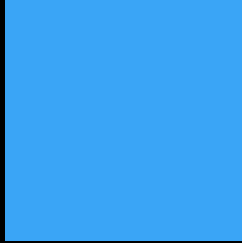
Large Text (above 18pt) WCAG AA × Fail

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 3AA5F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

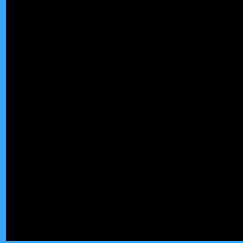
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

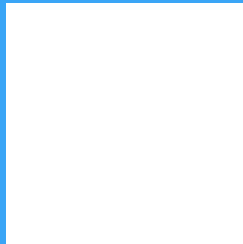
Any Text WCAG AAA ✓ Pass

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

Hex 3AA5F6 Background



This preview shows how black text looks on a background with the Hex color 3AA5F6.

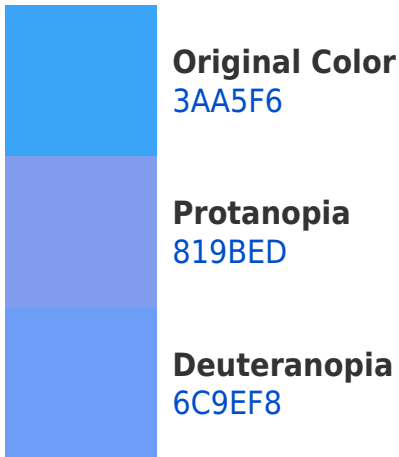


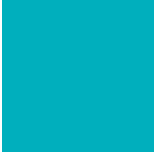
This preview shows how white text looks on a background with the Hex color 3AA5F6.

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
00AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3AA5F6 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 #3AA5F6 looks like.

```
.text, #text, p{  
    color:#3AA5F6  
}
```

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 #3AA5F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AA5F6
}
```

Border

The CSS property to change the border of an element to Hex 3AA5F6 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
#3AA5F6 }
```

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

```
.border{ border-color:#3AA5F6 }
```

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

Here you see how a box with a 4 pixel #3AA5F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AA5F6; -webkit-box-shadow:4px 4px  
4px 4px #3AA5F6; box-shadow:4px 4px 4px  
4px #3AA5F6 }
```

Background

The CSS property to change the background color of an element to Hex 3AA5F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AA5F6 }
```

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

```
.background{ background-color:#3AA5F6 }
```

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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