

Converting Colors

Hex(5AAFF8)

Have a look what the booklet for
Hex(5AAFF8) contains.

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Color

Hex(5AAFF8)

Conversions

Conversions Part 1

Format	Color
Hex	5AAFF8
RGB	90, 175, 248
RGB Percent	35%, 69%, 97%
CMY	0.6471, 0.3137, 0.0275
CMYK	0.64, 0.29, 0.00, 0.03
HSL	208°, 92%, 66%
HSV	208°, 64%, 97%
XYZ	36.4897, 39.6109, 94.5294
YIQ	157.9070, -74.0930, 4.6830

Conversions

Conversions Part 2

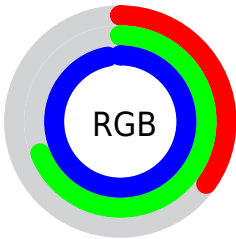
Format	Color
R _Y B	90, 145, 248
Decimal	5943288
CIE Lab	69.19, -3.81, -43.91
CIE LCh	69, 44.077, 265.043
Yxy	39.6109, 0.2139, 0.2321
Android (android.graphics.Color)	4284133368 (0xFF5A AFF8)
YUV	157.9070, 44.4158, -59.5544
Hunter-Lab	62.9372, -6.6495, -44.9954

Details

The Hex color **5A AFF8** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **F8A35A**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **99E6FF**, and **007BBF** is the 20% darker color. If you saturate the color by 10%, you get **41A4F8**, and if you desaturate by 10%, it is **73BAF8**.

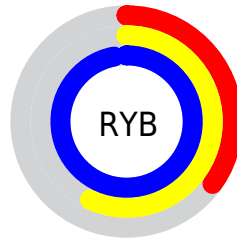
Distribution



Red (35%)

Green (69%)

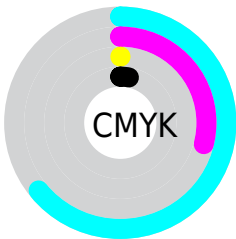
Blue (97%)



Red (35%)

Yellow (57%)

Blue (97%)

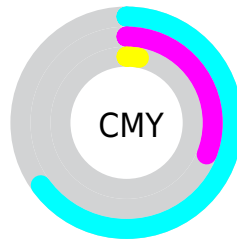


Cyan (64%)

Magenta (29%)

Yellow (0%)

Black (3%)



Cyan (65%)

Magenta (31%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A AFF8 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 5A AFF8 by changing the saturation by 10% instead.

■ 5AAFF8

FFFFFF

■ 99E6FF

■ B7FFFF

■ D5FFFF

■ F4FFFF

■ 5AAFF8

■ 3594DB

■ 007BBF

■ 0062A4

■ 004B89

■ 00356F

■ 002057

■ 00063F

■ 000328

■ 000112

■ 5AAFF8

■ 5AAFF8

■ 41A4F8

■ 73BAF8

■ 2898F8

■ 8CC6F8

■ 108DF8

■ A4D1F8

■ 0085F8

■ BDDDF8

■ D6E8F8

■ EFF4F8

■ FFFF8

Harmonies

Analogous

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



00B9E9



5A AFF8



A3A1F1

Triad

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



5A AFF8



F58B89



70B97A

Complementary

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



5A AFF8



F8 A3 5A

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.



A0B15E



5AAFF8



E69669

Square

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



5A AFF8



F089B1



C8A458



2CBDA1

Rectangle

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



5A AFF8



C697E2



C8A458



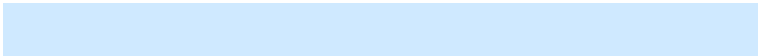
81B76F

Sweetspot

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



5A AFF8



C FE9 FF



5 AF8 A1



6 272 80



0 000 00



8 080 80

Same Dimension

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



5AAFF8



3DA5FF



5A62F8



70777D



0066BD



00213D

Inverse Universe

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



F85AAF



FF3DA5



F8F05A



7D7077



BD0066



3D0021

Previews

White Background



This preview shows how the Hex color 5A AFF8 looks on a white background.

Color Contrast Check

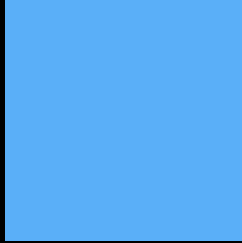
Large Text (above 18pt) WCAG AA × Fail

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 5A AFF8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

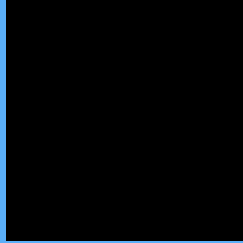
Any Text WCAG AA ✓ Pass

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 5AAFF8 Background



This preview shows how black text looks on a background with the Hex color 5AAFF8.

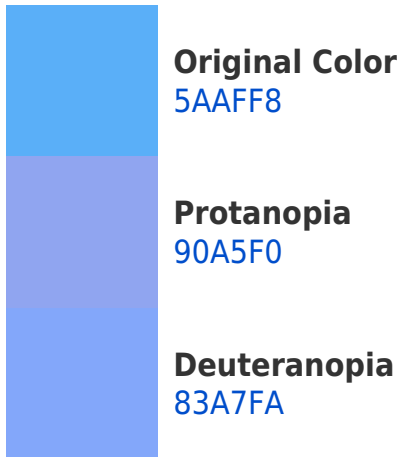


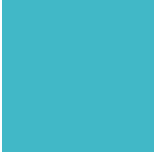
This preview shows how white text looks on a background with the Hex color 5AAFF8.

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](#).

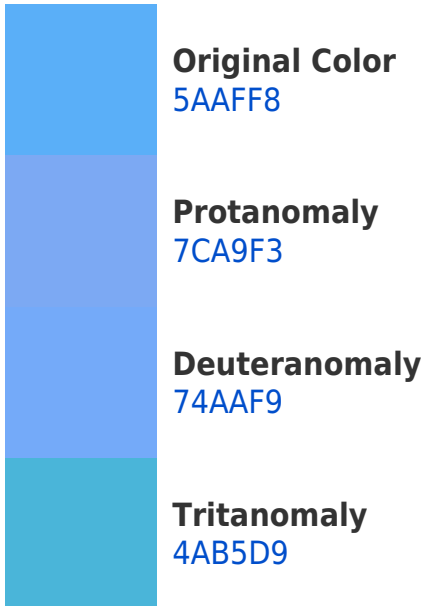
Dichromacy





Tritanopia
41B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A AFF8 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 #5A AFF8 looks like.

```
.text, #text, p{  
    color:#5A AFF8  
}
```

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 #5A AFF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A AFF8  
}
```

Border

The CSS property to change the border of an element to Hex 5A AFF8 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  
#5A AFF8 }
```

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

```
.border{ border-color:#5AAFF8 }
```

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

Here you see how a box with a 4 pixel #5AAFF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AAFF8; -webkit-box-shadow:4px 4px  
4px 4px #5AAFF8; box-shadow:4px 4px 4px  
4px #5AAFF8 }
```

Background

The CSS property to change the background color of an element to Hex 5A AFF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A AFF8 }
```

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

```
.background{ background-color:#5A AFF8 }
```

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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