

Converting Colors

Hex(5AADFA)

Have a look what the booklet for
Hex(5AADF8) contains.

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Color

Hex(5AADFA)

Conversions

Conversions Part 1

Format	Color
Hex	5AADFA
RGB	90, 173, 250
RGB Percent	35%, 68%, 98%
CMY	0.6471, 0.3216, 0.0196
CMYK	0.64, 0.31, 0.00, 0.02
HSL	209°, 94%, 67%
HSV	209°, 64%, 98%
XYZ	36.4153, 38.9629, 96.0438
YIQ	156.9610, -74.1850, 6.3510

Conversions

Conversions Part 2

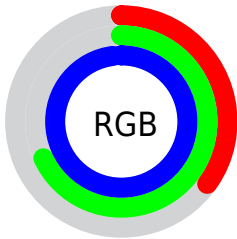
Format	Color
R _Y B	90, 145, 250
Decimal	5942778
CIE Lab	68.72, -2.04, -45.73
CIE LCh	69, 45.777, 267.443
Yxy	38.9629, 0.2124, 0.2273
Android (android.graphics.Color)	4284132858 (0xFF5AADFA)
YUV	156.9610, 45.8682, -58.7248
Hunter-Lab	62.4203, -5.1005, -47.5331

Details

The Hex color **5AADFA** 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 **FAA75A**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **99E4FF**, and **0079C1** is the 20% darker color. If you saturate the color by 10%, you get **41A1FA**, and if you desaturate by 10%, it is **73B9FA**.

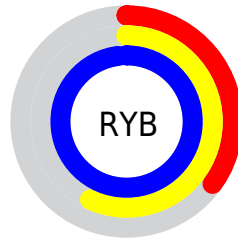
Distribution



Red (35%)

Green (68%)

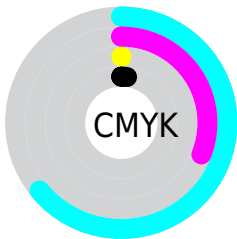
Blue (98%)



Red (35%)

Yellow (57%)

Blue (98%)

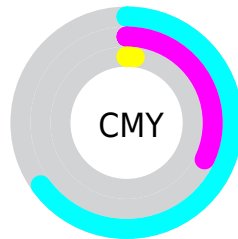


Cyan (64%)

Magenta (31%)

Yellow (0%)

Black (2%)



Cyan (65%)

Magenta (32%)

Yellow (2%)

Brightness & Saturation Gradients

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

■ 5AADFA

■ 5AADFA

FFFFFF

■ 3593DD

■ 99E4FF

■ 0079C1

■ B7FFFF

■ 0061A6

■ D6FFFF

■ 00498B

■ F4FFFF

■ 003371

■ 001F58

■ 000740

■ 000329

■ 000113

■ 5AADFA

■ 5AADFA

■ 41A1FA

■ 73B9FA

■ 2895FA

■ 8CC5FA

■ 0F89FA

■ A5D1FA

■ 0082FA

■ BEDDFA

■ D7E9FA

■ F0F5FA

■ FFFFFA

Harmonies

Analogous

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



00B7ED



5AADFA



A69EF1

Triad

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



5AADFA



F58984



68B97A

Complementary

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



5AADFA



FAA75A

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.



9AB15C



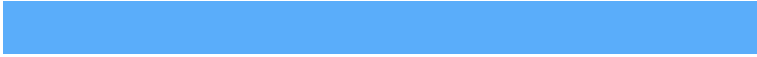
5AADFA



E49563

Square

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



5AADFA



F286AD



C4A453



05BDA3

Rectangle

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



5AADFA



CA94E0



C4A453



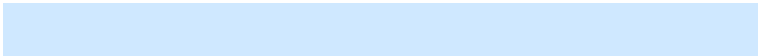
7AB76E

Sweetspot

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



5AADFA



CFE8FF



5AFAA5



627180



000000



808080

Same Dimension

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



5AADFA



3BA1FF



5A5FFA



70777D



0062BD



00203D

Inverse Universe

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



FA5AAD



FF3BA1



FAF55A



7D7077



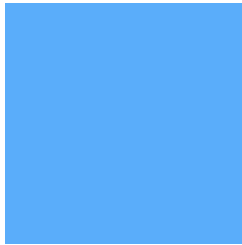
BD0062



3D0020

Previews

White Background



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

Color Contrast Check

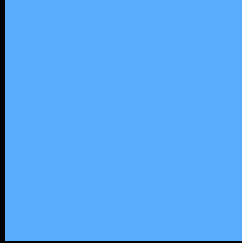
Large Text (above 18pt) WCAG AA × Fail

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 5AADFA 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

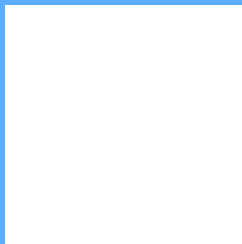
Any Text WCAG AAA ✓ Pass

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

Hex 5AADFA Background



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

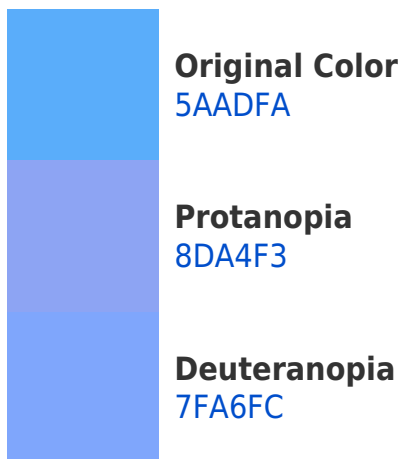


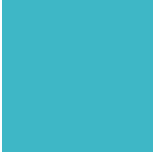
This preview shows how white text looks on a background with the Hex color 5AADFA.

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](#).

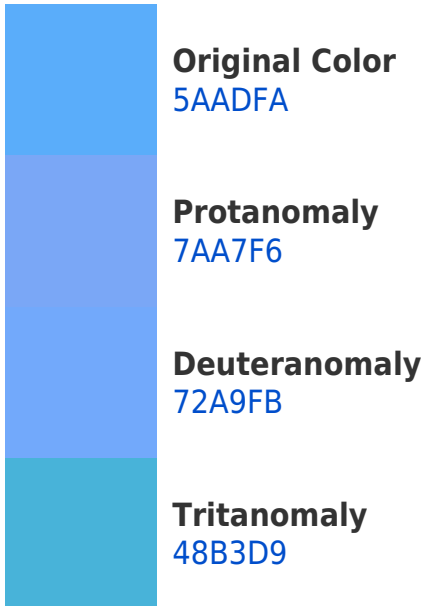
Dichromacy



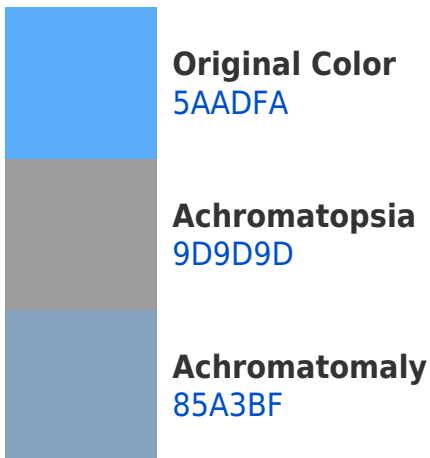


Tritanopia
3EB7C6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #5AADFA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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