

Converting Colors

Hex(5AD1FA)

Have a look what the booklet for
Hex(5AD1FA) contains.

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Color

Hex(5AD1FA)

Conversions

Conversions Part 1

Format	Color
Hex	5AD1FA
RGB	90, 209, 250
RGB Percent	35%, 82%, 98%
CMY	0.6471, 0.1804, 0.0196
CMYK	0.64, 0.16, 0.00, 0.02
HSL	195°, 94%, 67%
HSV	195°, 64%, 98%
XYZ	44.2722, 54.6767, 98.6627
YIQ	178.0930, -84.0850, -12.4770

Conversions

Conversions Part 2

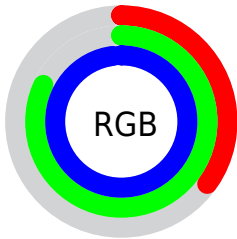
Format	Color
RYB	90, 158, 250
Decimal	5951994
CIELab	78.85, -21.27, -29.99
CIElCh	79, 36.770, 234.656
Yxy	54.6767, 0.2240, 0.2767
Android (android.graphics.Color)	4284142074 (0xFF5AD1FA)
YUV	178.0930, 35.4502, -77.2576
Hunter-Lab	73.9437, -22.5284, -27.3498

Details

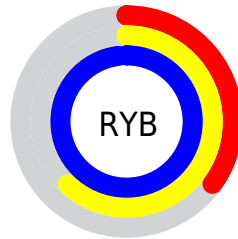
The Hex color **5AD1FA** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **FA835A**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **9AFFFF**, and **009AC1** is the 20% darker color. If you saturate the color by 10%, you get **41CBFA**, and if you desaturate by 10%, it is **73D7FA**.

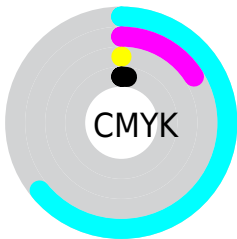
Distribution



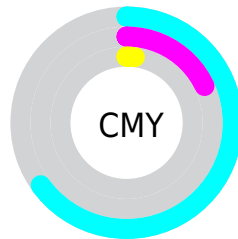
- Red (35%)
- Green (82%)
- Blue (98%)



- Red (35%)
- Yellow (62%)
- Blue (98%)



- Cyan (64%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)



- Cyan (65%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AD1FA 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 5AD1FA by changing the saturation by 10% instead.

 5AD1FA

 5AD1FA

FFFFFF

 34B5DD

 9AFFFF

 009AC1

 B9FFFF

 0080A6

 D8FFFF

 00678C

 F7FFFF

 004F72

 003859

 002342

 00032C

 000116

■ 5AD1FA

■ 5AD1FA

■ 41CBFA

■ 73D7FA

■ 28C4FA

■ 8CDEFA

■ 0FBEFA

■ A5E4FA

■ 00BAFA

■ BEEBFA

■ D7F1FA

■ F0F7FA

■ FFFEFA

■ FFFFFA

Harmonies

Analogous

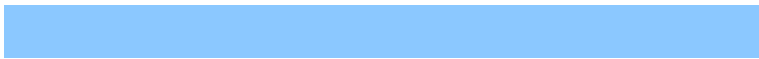
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4DD5DF



5AD1FA



8BC8FF

Triad

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



5AD1FA



FFAACB



BDC884

Complementary

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



5AD1FA



FA835A

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.



E0BF7F



5AD1FA



FFABA8

Square

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



5AD1FA



E9B1EB



FAB38D



96D29B

Rectangle

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



5AD1FA



AEC1FF



FAB38D



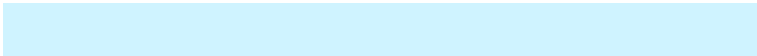
CAC680

Sweetspot

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



5AD1FA



CFF3FF



5AFA82



627880



000000



808080

Same Dimension

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



5AD1FA



3BCDFF



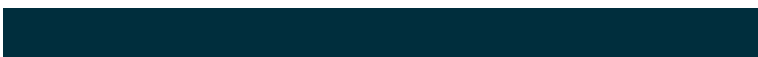
5A82FA



707A7D



008CBD



002E3D

Inverse Universe

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



FA5AD1



FF3BCD



FAD25A



7D707A



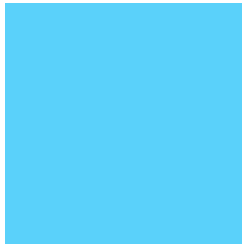
BD008C



3D002E

Previews

White Background



This preview shows how the Hex color 5AD1FA looks on a white background.

Color Contrast Check

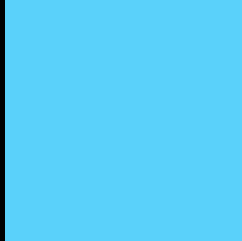
Large Text (above 18pt) WCAG AA × Fail

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 5AD1FA 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 5AD1FA Background



This preview shows how black text looks on a background with the Hex color 5AD1FA.

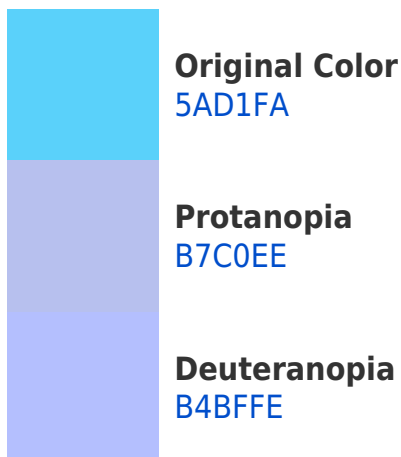


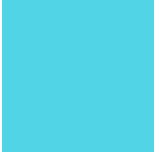
This preview shows how white text looks on a background with the Hex color 5AD1FA.

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](#).

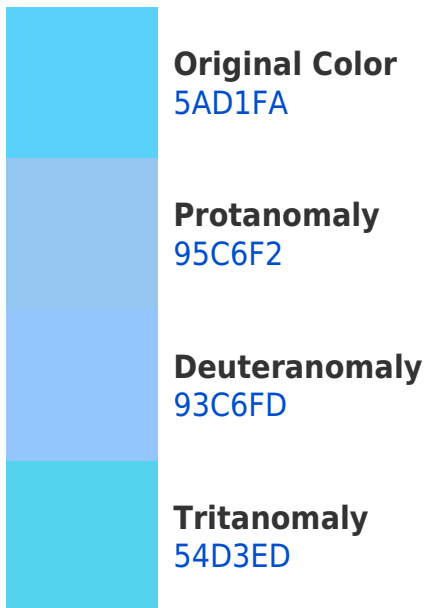
Dichromacy



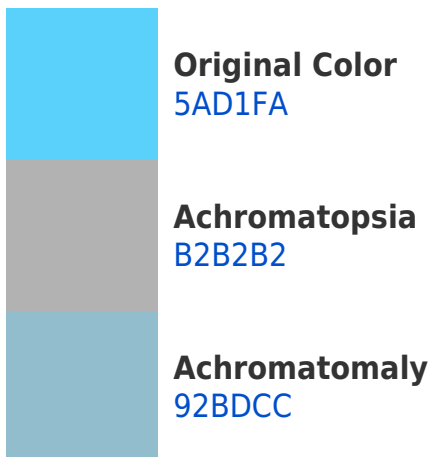


Tritanopia
50D4E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AD1FA 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 #5AD1FA looks like.

```
.text, #text, p{  
    color:#5AD1FA  
}
```

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 #5AD1FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD1FA
}
```

Border

The CSS property to change the border of an element to Hex 5AD1FA 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
#5AD1FA }
```

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

```
.border{ border-color:#5AD1FA }
```

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

Here you see how a box with a 4 pixel #5AD1FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD1FA; -webkit-box-shadow:4px 4px  
4px 4px #5AD1FA; box-shadow:4px 4px 4px  
4px #5AD1FA }
```

Background

The CSS property to change the background color of an element to Hex 5AD1FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD1FA }
```

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

```
.background{ background-color:#5AD1FA }
```

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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