

Converting Colors

Hex(3AD5F8)

Have a look what the booklet for
Hex(3AD5F8) contains.

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Color

Hex(3AD5F8)

Conversions

Conversions Part 1

Format	Color
Hex	3AD5F8
RGB	58, 213, 248
RGB Percent	23%, 84%, 97%
CMY	0.7725, 0.1647, 0.0275
CMYK	0.77, 0.14, 0.00, 0.03
HSL	191°, 93%, 60%
HSV	191°, 77%, 97%
XYZ	42.4824, 55.2654, 97.2352
YIQ	170.6450, -103.6150, -21.9750

Conversions

Conversions Part 2

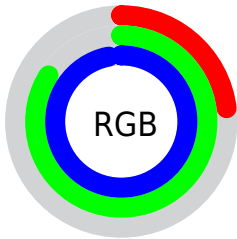
Format	Color
RYB	58, 143, 248
Decimal	3855864
CIELab	79.19, -28.03, -28.47
CIELCh	79, 39.951, 225.449
Yxy	55.2654, 0.2179, 0.2834
Android (android.graphics.Color)	4282045944 (0xFF3AD5F8)
YUV	170.6450, 38.1360, -98.7897
Hunter-Lab	74.3407, -28.0912, -25.5109

Details

The Hex color **3AD5F8** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F85D3A**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **85FFFF**, and **009EC0** is the 20% darker color. If you saturate the color by 10%, you get **21D0F8**, and if you desaturate by 10%, it is **53DAF8**.

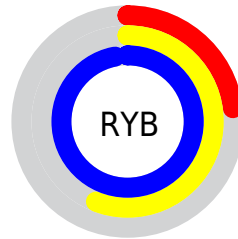
Distribution



Red (23%)

Green (84%)

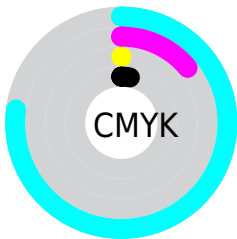
Blue (97%)



Red (23%)

Yellow (56%)

Blue (97%)

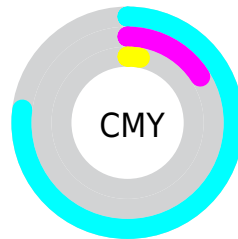


Cyan (77%)

Magenta (14%)

Yellow (0%)

Black (3%)



Cyan (77%)

Magenta (16%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AD5F8 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 3AD5F8 by changing the saturation by 10% instead.

 3AD5F8

 3AD5F8


FFFFFF

 00B9DB

 85FFFF

 009EC0

 A5FFFF

 0084A4

 C5FFFF

 006A8A

 E4FFFF

 005270

 003A58

 002540

 00032A

 000115

 3AD5F8

 3AD5F8

 21D0F8

 53DAF8

 08CCF8

 6CDEF8

 00CAF8

 84E3F8

 9DE7F8

 B6ECF8

 CFF0F8

 E8F5F8

 FFFAF8

 FFFEF8

Harmonies

Analogous

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



42D8D7



3AD5F8



71CDFE

Triad

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



3AD5F8



FFAAD8



CAC87B

Complementary

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



3AD5F8



F85D3A

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.



EDBC7C



3AD5F8



FFA8B2

Square

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



3AD5F8



E1B4F9



FFAF91



A0D18F

Rectangle

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



3AD5F8



9AC5FF



FFAF91



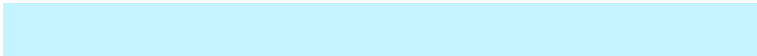
D6C479

Sweetspot

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



3AD5F8



C4F4FF



3AF85D



5C7980



000000



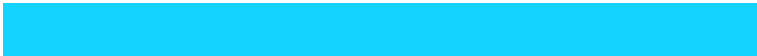
808080

Same Dimension

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



3AD5F8



14D4FF



3A76F8



707B7D



009ABD



00323D

Inverse Universe

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



F83AD5



FF14D4



F8BC3A



7D707B



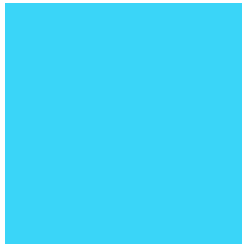
BD009A



3D0032

Previews

White Background



This preview shows how the Hex color 3AD5F8 looks on a white background.

Color Contrast Check

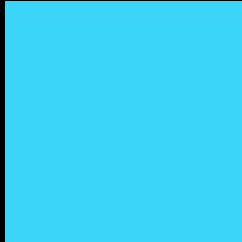
Large Text (above 18pt) WCAG AA × Fail

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 3AD5F8 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 3AD5F8 Background



This preview shows how black text looks on a background with the Hex color 3AD5F8.

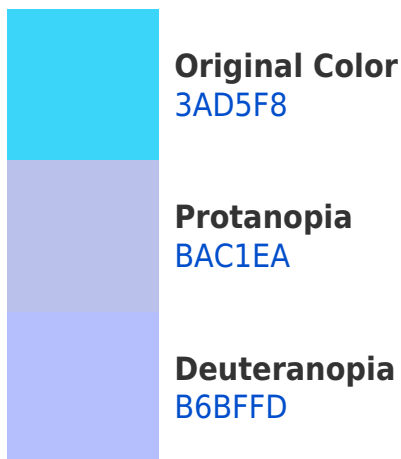


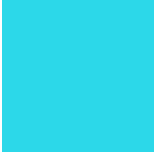
This preview shows how white text looks on a background with the Hex color 3AD5F8.

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
2CD8E9

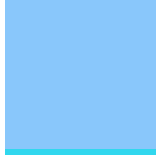
Trichromacy



Original Color
3AD5F8



Protanomaly
8BC8EF



Deuteranomaly
89C7FB

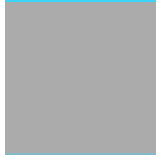


Tritanomaly
31D7EE

Monochromacy



Original Color
3AD5F8



Achromatopsia
ABABAB



Achromatomaly
82BAC7

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AD5F8 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 #3AD5F8 looks like.

```
.text, #text, p{  
    color:#3AD5F8  
}
```

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 #3AD5F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AD5F8  
}
```

Border

The CSS property to change the border of an element to Hex 3AD5F8 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  
#3AD5F8 }
```

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

```
.border{ border-color:#3AD5F8 }
```

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

Here you see how a box with a 4 pixel #3AD5F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AD5F8; -webkit-box-shadow:4px 4px  
4px 4px #3AD5F8; box-shadow:4px 4px 4px  
4px #3AD5F8 }
```

Background

The CSS property to change the background color of an element to Hex 3AD5F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AD5F8 }
```

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

```
.background{ background-color:#3AD5F8 }
```

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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