

# Converting Colors

Hex(5AD6FF)

Have a look what the booklet for  
Hex(5AD6FF) contains.

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# **Color**

**Hex(5AD6FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AD6FF
RGB	90, 214, 255
RGB Percent	35%, 84%, 100%
CMY	0.6471, 0.1608, 0.0000
CMYK	0.65, 0.16, 0.00, 0.00
HSL	195°, 100%, 68%
HSV	195°, 65%, 100%
XYZ	46.3130, 57.4868, 103.2628
YIQ	181.5980, -87.0650, -13.5370

# Conversions

## Conversions Part 2

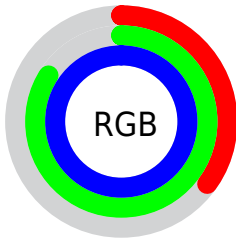
Format	Color
<b>RYB</b>	90, 161, 255
Decimal	5953279
CIELab	80.45, -22.29, -30.20
CIElCh	80, 37.537, 233.567
Yxy	57.4868, 0.2237, 0.2776
Android (android.graphics.Color)	4284143359 (0xFF5AD6FF)
YUV	181.5980, 36.1872, -80.3314
Hunter-Lab	75.8200, -23.6523, -27.6758

# Details

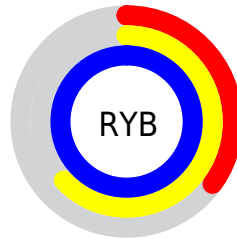
The Hex color **5AD6FF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF835A**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **9BFFFF**, and **009FC6** is the 20% darker color. If you saturate the color by 10%, you get **41D0FF**, and if you desaturate by 10%, it is **74DCFF**.

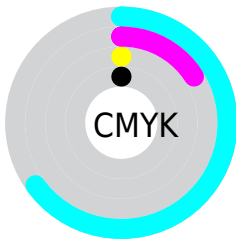
# Distribution



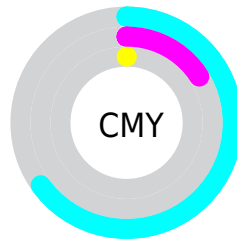
- Red (35%)
- Green (84%)
- Blue (100%)



- Red (35%)
- Yellow (63%)
- Blue (100%)



- Cyan (65%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (16%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5AD6FF 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 5AD6FF by changing the saturation by 10% instead.



 5AD6FF

 5AD6FF

FFFFFF

 32BAE2

 9BFFFF

 009FC6

 BAFFFF

 0085AB

 D9FFFF

 006B90

 F8FFFF

 005376

 003C5D

 002646

 00072F

 00011A

 5AD6FF

 5AD6FF

 41D0FF

 74DCFF

 27C9FF

 8DE3FF

 0EC3FF

 A7E9FF

 00C0FF

 C0EFFF

 DAF6FF

 F3FCFF

FFFFFF

# Harmonies

## Analogous

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



4FDAE2



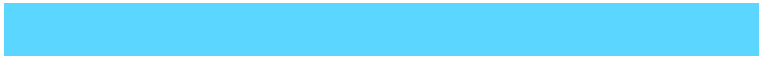
5AD6FF



8CCDFE

# Triad

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



5AD6FF



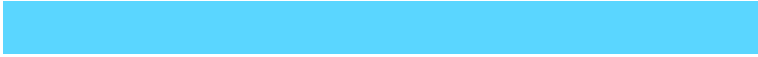
FFAED1



C3CE86

# Complementary

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



5AD6FF



FF835A

# 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.



E7C382



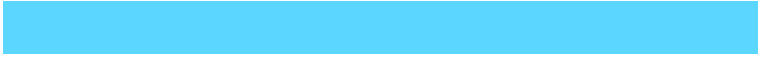
5AD6FF



FFAEAD

# Square

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



5AD6FF



EDB5F2



FFB790



9BD69D

# Rectangle

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



5AD6FF



B0C6FF



FFB790



D0CB83

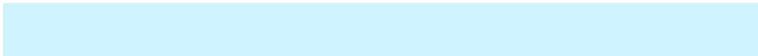


# Sweetspot

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



5AD6FF



CFF3FF



5AFF81



627880



000000



808080



# Same Dimension

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



5AD6FF



38CEFF



5A86FF



737C80



0090BF



003040



# Inverse Universe

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



FF5AD6



FF38CE



FFD35A



80737C



BF0090

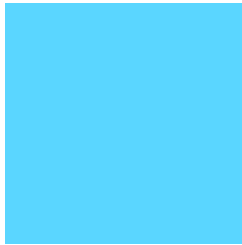


400030



# Previews

## White Background



This preview shows how the Hex color 5AD6FF looks on a white background.

## Color Contrast Check

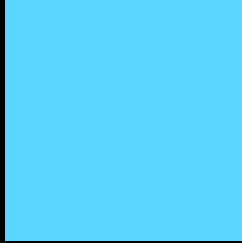
Large Text (above 18pt) WCAG AA × Fail

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 5AD6FF 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 5AD6FF Background



This preview shows how black text looks on a background with the Hex color 5AD6FF.

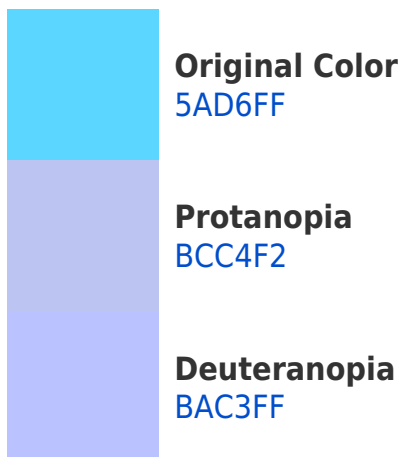


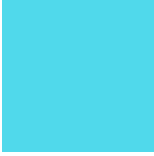
This preview shows how white text looks on a background with the Hex color 5AD6FF.

# 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](#).

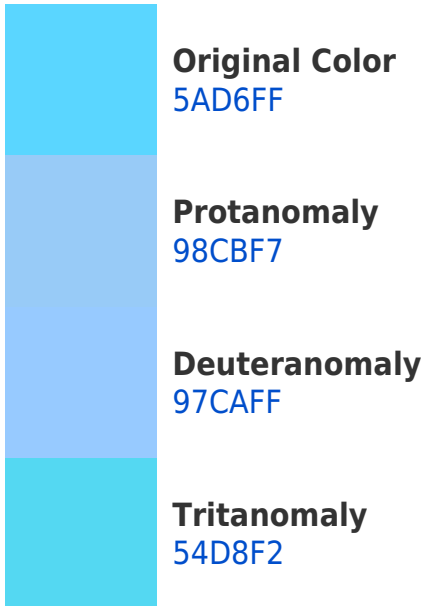
## Dichromacy



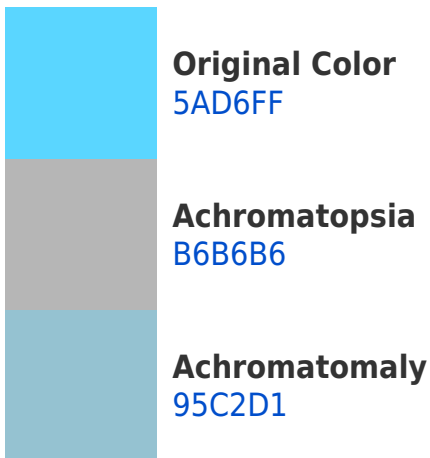


**Tritanopia**  
50D9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5AD6FF 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 #5AD6FF looks like.

```
.text, #text, p{  
    color:#5AD6FF  
}
```

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 #5AD6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD6FF
}
```

## Border

The CSS property to change the border of an element to Hex 5AD6FF 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
#5AD6FF }
```

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

```
.border{ border-color:#5AD6FF }
```

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

Here you see how a box with a 4 pixel #5AD6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD6FF; -webkit-box-shadow:4px 4px  
4px 4px #5AD6FF; box-shadow:4px 4px 4px  
4px #5AD6FF }
```

# Background

The CSS property to change the background color of an element to Hex 5AD6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD6FF }
```

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

```
.background{ background-color:#5AD6FF }
```

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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