

# Converting Colors

Hex(4ADFFF)

Have a look what the booklet for  
Hex(4ADFFF) contains.

<b>Hex(4ADFFF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(4ADFFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4ADFFF
RGB	74, 223, 255
RGB Percent	29%, 87%, 100%
CMY	0.7098, 0.1255, 0.0000
CMYK	0.71, 0.13, 0.00, 0.00
HSL	191°, 100%, 65%
HSV	191°, 71%, 100%
XYZ	47.2617, 61.4512, 103.9781
YIQ	182.0970, -99.0760, -21.6360

# Conversions

## Conversions Part 2

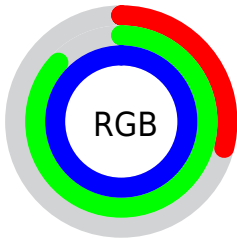
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 156, 255
Decimal	4907007
CIE <sub>Lab</sub>	82.62, -28.97, -26.91
CIE <sub>LCh</sub>	83, 39.543, 222.895
Yxy	61.4512, 0.2222, 0.2889
Android (android.graphics.Color)	4283097087 (0xFF4ADFFF)
YUV	182.0970, 35.9412, -94.8011
Hunter-Lab	78.3908, -29.5665, -23.7690

# Details

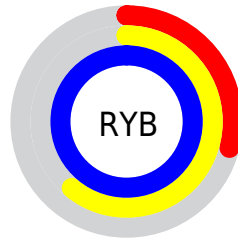
The Hex color **4ADFFF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF6A4A**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **90FFFF**, and **00A7C6** is the 20% darker color. If you saturate the color by 10%, you get **31DAFF**, and if you desaturate by 10%, it is **64E4FF**.

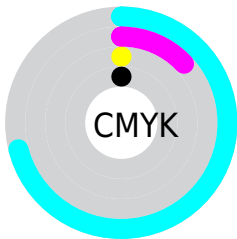
# Distribution



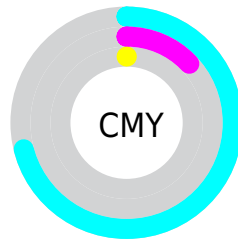
- Red (29%)
- Green (87%)
- Blue (100%)



- Red (29%)
- Yellow (61%)
- Blue (100%)



- Cyan (71%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (13%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4ADFFF 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 4ADFFF by changing the saturation by 10% instead.



 4ADFFF

 4ADFFF

FFFFFF

 0FC3E2

 90FFFF

 00A7C6

 B0FFFF

 008DAB

 D0FFFF

 007390

 EFFFFF

 005A77

 00425E

 002B46

 00132F

 00011A

 4ADFFF

 4ADFFF

 31DAFF

 64E4FF

 17D6FF

 7DE8FF

 00D2FF

 97EDFF

 B0F1FF

 CAF6FF

 E3FAFF

 FDFFFF

 FFFFFFFF

# Harmonies

## Analogous

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



55E2DD



4ADFFF



78D7FF

# Triad

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



4ADFFF



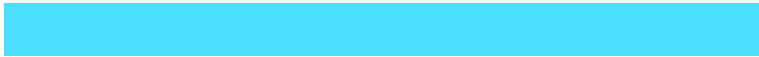
FFB4E4



D7D084

# Complementary

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



4ADFFF



FF6A4A

# 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.



F9C487



4ADFFF



FFB1BF

# Square

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



4ADFFF



E7BEFF



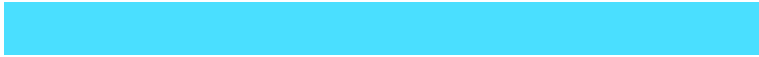
FFB89D



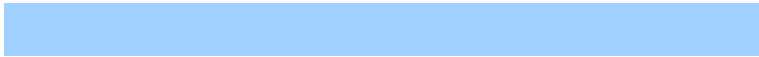
ADDA96

# Rectangle

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



4ADFFF



A0D0FF



FFB89D

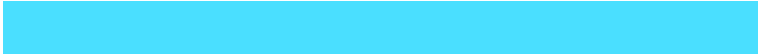


E3CD83

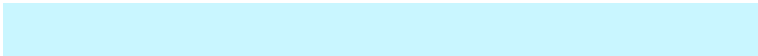


# Sweetspot

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



4ADFFF



C9F6FF



4AFF68



607A80



000000



808080



# Same Dimension

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



4ADFFF



26D9FF



4A86FF



737D80



009DBF



003440



# Inverse Universe

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



FF4ADF



FF26D9



FFC34A



80737D



BF009D

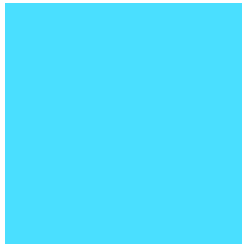


400034



# Previews

## White Background



This preview shows how the Hex color 4ADFFF looks on a white background.

## Color Contrast Check

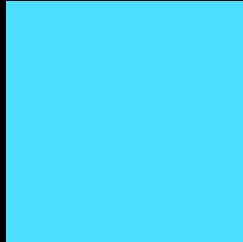
Large Text (above 18pt) WCAG AA × Fail

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 4ADFFF 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 4ADFFF Background



This preview shows how black text looks on a background with the Hex color 4ADFFF.

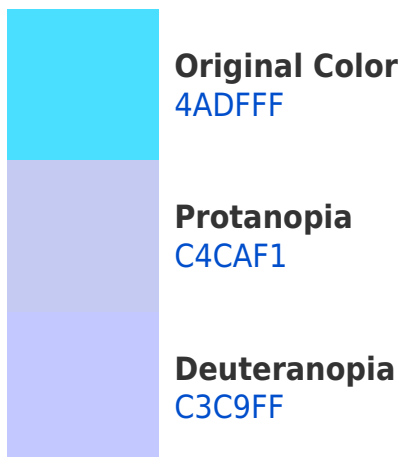


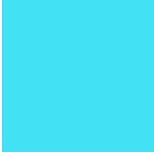
This preview shows how white text looks on a background with the Hex color 4ADFFF.

# 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](#).

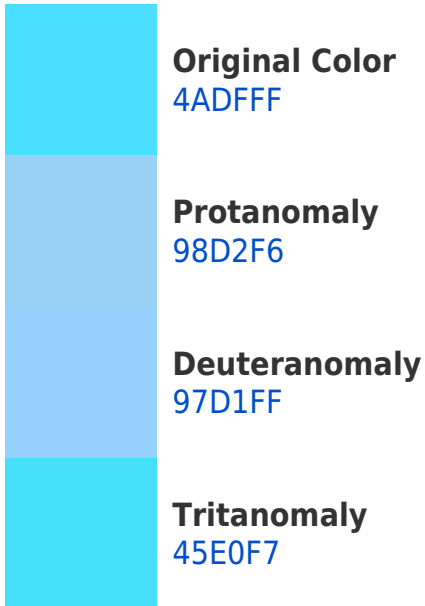
## Dichromacy



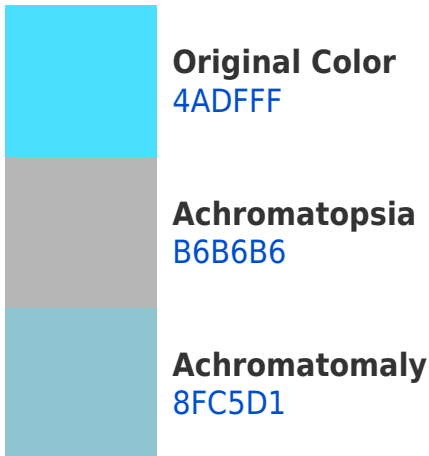


**Tritanopia**  
42E1F3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4ADFFF 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 #4ADFFF looks like.

```
.text, #text, p{  
    color:#4ADFFF  
}
```

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 #4ADFFF colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 4ADFFF 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  
#4ADFFF }
```

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

```
.border{ border-color:#4ADFFF }
```

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

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

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

# Background

The CSS property to change the background color of an element to Hex 4ADFFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ADFFF }
```

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

```
.background{ background-color:#4ADFFF }
```

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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