

Converting Colors

Hex(4AD2FF)

Have a look what the booklet for
Hex(4AD2FF) contains.

Hex(4AD2FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4AD2FF)

Conversions

Conversions Part 1

Format	Color
Hex	4AD2FF
RGB	74, 210, 255
RGB Percent	29%, 82%, 100%
CMY	0.7098, 0.1765, 0.0000
CMYK	0.71, 0.18, 0.00, 0.00
HSL	195°, 100%, 65%
HSV	195°, 71%, 100%
XYZ	43.9206, 54.7690, 102.8644
YIQ	174.4660, -95.5010, -14.8370

Conversions

Conversions Part 2

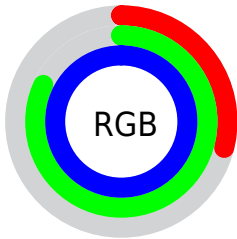
Format	Color
R _Y B	74, 152, 255
Decimal	4903679
CIE Lab	78.91, -22.53, -32.61
CIE LCh	79, 39.636, 235.361
Yxy	54.7690, 0.2179, 0.2717
Android (android.graphics.Color)	4283093759 (0xFF4AD2FF)
YUV	174.4660, 39.7033, -88.1087
Hunter-Lab	74.0061, -23.5757, -30.6055

Details

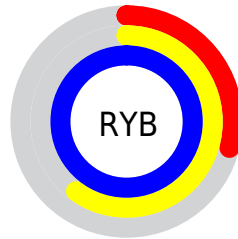
The Hex color **4AD2FF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF774A**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **8FFFFFF**, and **009BC6** is the 20% darker color. If you saturate the color by 10%, you get **31CCFF**, and if you desaturate by 10%, it is **64D8FF**.

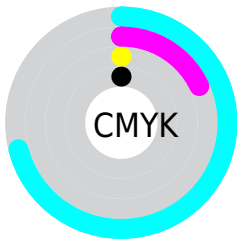
Distribution



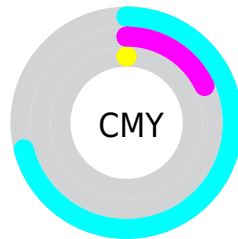
- Red (29%)
- Green (82%)
- Blue (100%)



- Red (29%)
- Yellow (60%)
- Blue (100%)



- Cyan (71%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AD2FF 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 4AD2FF by changing the saturation by 10% instead.

 4AD2FF

 4AD2FF

FFFFFF

 12B6E2

 8FFFFFF

 009BC6

 AFFFFFF

 0081AB

 CEFFFF

 006890

 EEEFFF

 005076

 00385D

 002445

 00042F

 000119

 4AD2FF

 4AD2FF

 31CCFF

 64D8FF

 17C5FF

 7DDFFF

 00C0FF

 97E5FF

 B0EBFF

 CAF2FF

 E3F8FF

 FDFEFF

 FFFFFFFF

Harmonies

Analogous

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



38D7E2



4AD2FF



86C9FF

Triad

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



4AD2FF



FFA7CB



BCCB80

Complementary

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



4AD2FF



FF774A

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.



E1BF7A



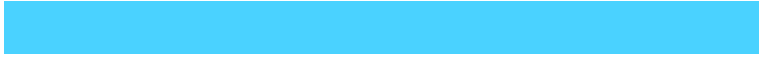
4AD2FF



FFA9A6

Square

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



4AD2FF



EDAFEE



FEB288



91D398

Rectangle

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



4AD2FF



ADC0FF



FEB288



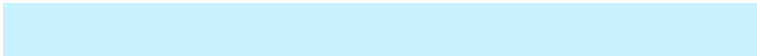
C9C77B

Sweetspot

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



4AD2FF



C9F2FF



4AFF74



607880



000000



808080

Same Dimension

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



4AD2FF



26C9FF



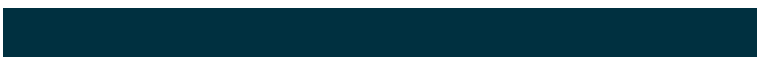
4A7AFF



737C80



0090BF



003040

Inverse Universe

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



FF4AD2



FF26C9



FFCF4A



80737C



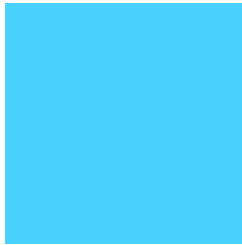
BF0090



400030

Previews

White Background



This preview shows how the Hex color 4AD2FF looks on a white background.

Color Contrast Check

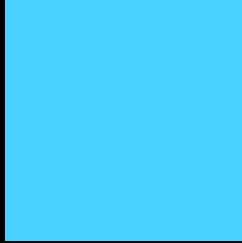
Large Text (above 18pt) WCAG AA × Fail

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 4AD2FF 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

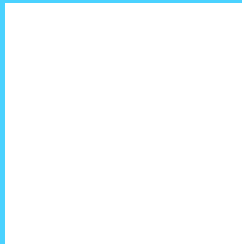
Any Text WCAG AAA ✓ Pass

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

Hex 4AD2FF Background



This preview shows how black text looks on a background with the Hex color 4AD2FF.

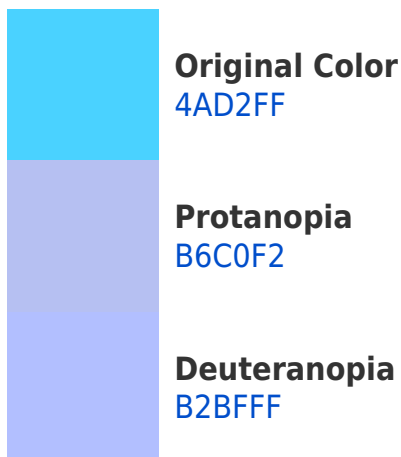


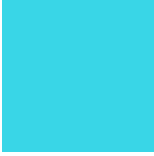
This preview shows how white text looks on a background with the Hex color 4AD2FF.

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](#).

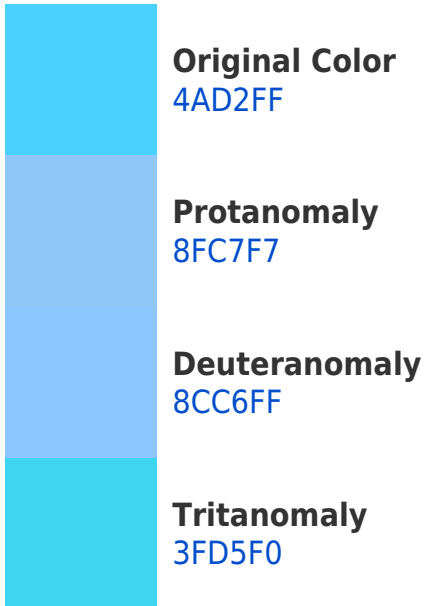
Dichromacy



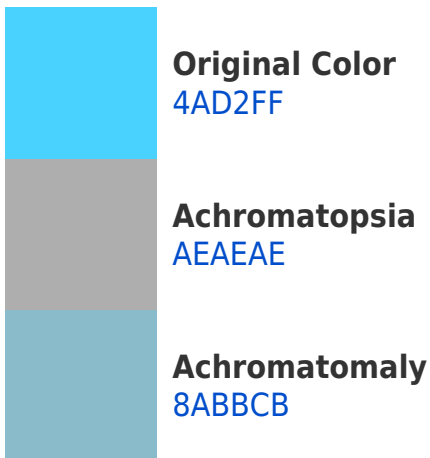


Tritanopia
39D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4AD2FF 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 #4AD2FF looks like.

```
.text, #text, p{  
    color:#4AD2FF  
}
```

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 #4AD2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AD2FF
}
```

Border

The CSS property to change the border of an element to Hex 4AD2FF 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
#4AD2FF }
```

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

```
.border{ border-color:#4AD2FF }
```

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

Here you see how a box with a 4 pixel #4AD2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AD2FF; -webkit-box-shadow:4px 4px  
4px 4px #4AD2FF; box-shadow:4px 4px 4px  
4px #4AD2FF }
```

Background

The CSS property to change the background color of an element to Hex 4AD2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AD2FF }
```

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

```
.background{ background-color:#4AD2FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor