

# Converting Colors

Hex(2AB9FF)

Have a look what the booklet for  
Hex(2AB9FF) contains.

<b>Hex(2AB9FF)</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(2AB9FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2AB9FF
RGB	42, 185, 255
RGB Percent	16%, 73%, 100%
CMY	0.8353, 0.2745, 0.0000
CMYK	0.84, 0.27, 0.00, 0.00
HSL	200°, 100%, 58%
HSV	200°, 84%, 100%
XYZ	36.3538, 42.4102, 100.8777
YIQ	150.2230, -107.6980, -8.5460

# Conversions

## Conversions Part 2

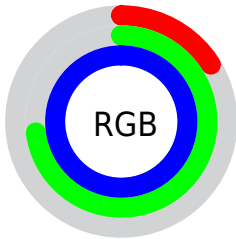
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	42, 128, 255
Decimal	2800127
CIE Lab	71.15, -12.71, -44.71
CIE LCh	71, 46.482, 254.126
Yxy	42.4102, 0.2024, 0.2361
Android (android.graphics.Color)	4280990207 (0xFF2AB9FF)
YUV	150.2230, 51.6551, -94.9116
Hunter-Lab	65.1231, -14.3209, -46.2559

# Details

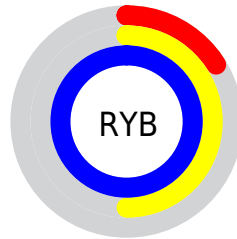
The Hex color **2AB9FF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **FF702A**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **7CF1FF**, and **0084C6** is the 20% darker color. If you saturate the color by 10%, you get **10B1FF**, and if you desaturate by 10%, it is **43C1FF**.

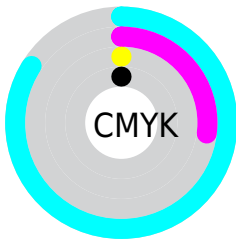
# Distribution



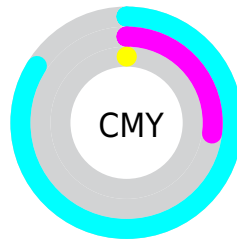
- Red (16%)
- Green (73%)
- Blue (100%)



- Red (16%)
- Yellow (50%)
- Blue (100%)



- Cyan (84%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (27%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2AB9FF 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 2AB9FF by changing the saturation by 10% instead.



 2AB9FF

 2AB9FF

FFFFFF

 009EE2

 7CF1FF

 0084C6

 9DFFFF

 006BAA

 BDFFFF


 005390

 DDFFFF

 003C76

 FCFFFF

 00275C

 000F45

 00032D

 000118

 2AB9FF

 2AB9FF

 10B1FF

 43C1FF

 00ABFF

 5DCAFF

 77D2FF

 90DBFF

 AAE3FF

 C3EBFF

 DDF4FF

 F6FCFF

FFFFFF

# Harmonies

## Analogous

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



00C1E8



2AB9FF



8EACFF

# Triad

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



2AB9FF



FF8C9C



86BD6F

# Complementary

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



2AB9FF



FF702A

# 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.



B5B25A



2AB9FF



F69575

# Square

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



2AB9FF



F28FC6



DBA45C



48C396

# Rectangle

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



2AB9FF



BAA1F4



DBA45C



96BA66

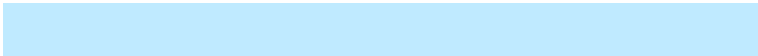


# Sweetspot

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



2AB9FF



BFEAFF



2AFF6D



597380



000000



808080

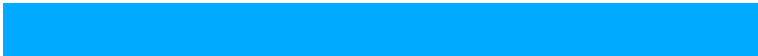


# Same Dimension

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



2AB9FF



00ABFF



2A51FF



737B80



0080BF



002B40



# Inverse Universe

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



FF2AB9



FF00AB



FFD82A



80737B



BF0080

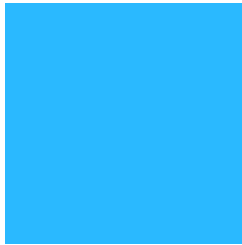


40002B



# Previews

## White Background



This preview shows how the Hex color 2AB9FF looks on a white background.

## Color Contrast Check

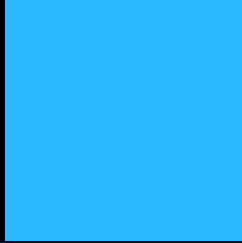
Large Text (above 18pt) WCAG AA × Fail

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 2AB9FF 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

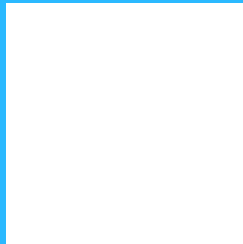
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2AB9FF Background



This preview shows how black text looks on a background with the Hex color 2AB9FF.

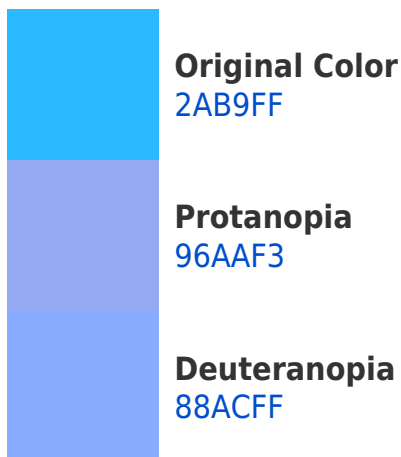


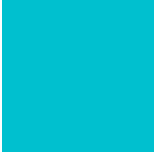
This preview shows how white text looks on a background with the Hex color 2AB9FF.

# Color Blindness Simulation

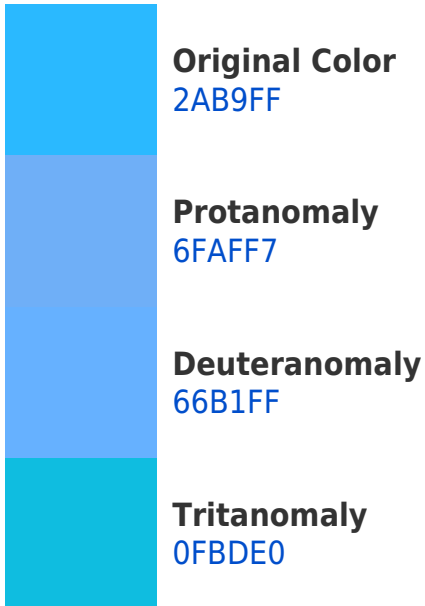
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

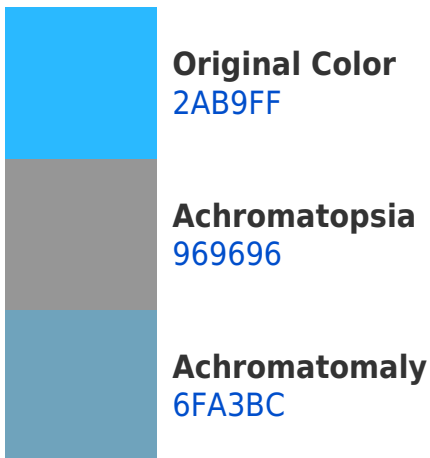




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2AB9FF 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 #2AB9FF looks like.

```
.text, #text, p{  
    color:#2AB9FF  
}
```

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 #2AB9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AB9FF
}
```

## Border

The CSS property to change the border of an element to Hex 2AB9FF 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
#2AB9FF }
```

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

```
.border{ border-color:#2AB9FF }
```

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

Here you see how a box with a 4 pixel #2AB9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AB9FF; -webkit-box-shadow:4px 4px  
4px 4px #2AB9FF; box-shadow:4px 4px 4px  
4px #2AB9FF }
```

# Background

The CSS property to change the background color of an element to Hex 2AB9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AB9FF }
```

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

```
.background{ background-color:#2AB9FF }
```

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