

# Converting Colors

Hex(2AB2FB)

Have a look what the booklet for  
Hex(2AB2FB) contains.

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# **Color**

**Hex(2AB2FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2AB2FB
RGB	42, 178, 251
RGB Percent	16%, 70%, 98%
CMY	0.8353, 0.3020, 0.0157
CMYK	0.83, 0.29, 0.00, 0.02
HSL	201°, 96%, 57%
HSV	201°, 83%, 98%
XYZ	34.2878, 39.2981, 97.0449
YIQ	145.6580, -104.4890, -6.1290

# Conversions

## Conversions Part 2

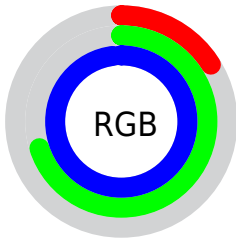
Format	Color
R <sub>Y</sub> B	42, 124, 251
Decimal	2798331
CIE Lab	68.97, -10.30, -45.98
CIE LCh	69, 47.118, 257.372
Yxy	39.2981, 0.2009, 0.2303
Android (android.graphics.Color)	4280988411 (0xFF2AB2FB)
YUV	145.6580, 51.9336, -90.9081
Hunter-Lab	62.6882, -12.0722, -47.9026

# Details

The Hex color **2AB2FB** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **FB732A**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **7BEAFF**, and **007EC2** is the 20% darker color. If you saturate the color by 10%, you get **11A9FB**, and if you desaturate by 10%, it is **43BBFB**.

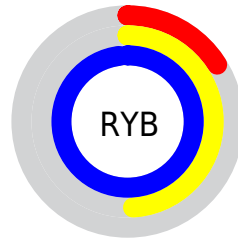
# Distribution



Red (16%)

Green (70%)

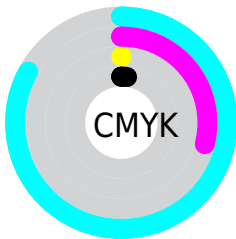
Blue (98%)



Red (16%)

Yellow (49%)

Blue (98%)

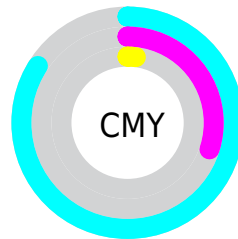


Cyan (83%)

Magenta (29%)

Yellow (0%)

Black (2%)



Cyan (84%)

Magenta (30%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2AB2FB 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 2AB2FB by changing the saturation by 10% instead.



 2AB2FB

 2AB2FB

FFFFFF

 0097DE

 7BEAFF

 007EC2

 9CFFFF

 0065A7

 BBFFFF

 004D8C

 DBFFFF

 003772

 FBFFFF

 002259

 000741

 00032A

 000114

■ 2AB2FB

■ 2AB2FB

■ 11A9FB

■ 43BBFB

■ 00A3FB

■ 5CC4FB

■ 75CCFB

■ 8ED5FB

■ A7DEFB

■ C1E7FB

■ DAEFFB

■ F3F8FB

FFFFFB

# Harmonies

## Analogous

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



00BBE6



2AB2FB



8FA4FA

# Triad

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



2AB2FB



F98691



79B86D

# Complementary

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



2AB2FB



FB732A

# 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.



AAAE54



2AB2FB



EE906B

# Square

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



2AB2FB



EF87BC



D2A054



34BD94

# Rectangle

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



2AB2FB



BA99EC



D2A054



8BB562

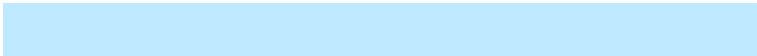


# Sweetspot

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



2AB2FB



BFE9FF



2AFB70



597280



000000



808080



# Same Dimension

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



2AB2FB



00A6FF



2A4DFB



70797D



007BBD



00283D



# Inverse Universe

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



FB2AB2



FF00A6



FBD82A



7D7079



BD007B

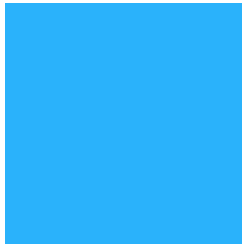


3D0028



# Previews

## White Background



This preview shows how the Hex color 2AB2FB looks on a white background.

## Color Contrast Check

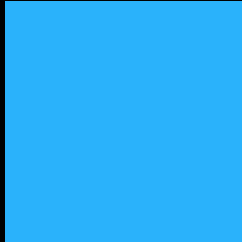
Large Text (above 18pt) WCAG AA × Fail

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 2AB2FB 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

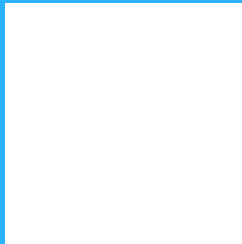
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2AB2FB Background



This preview shows how black text looks on a background with the Hex color 2AB2FB.



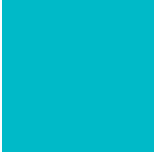
This preview shows how white text looks on a background with the Hex color 2AB2FB.

# 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](#).

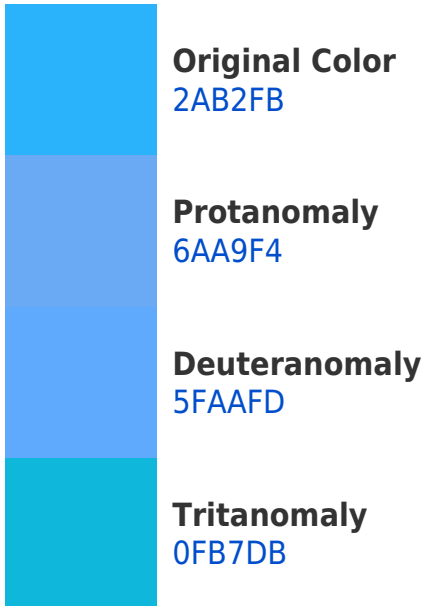
## Dichromacy



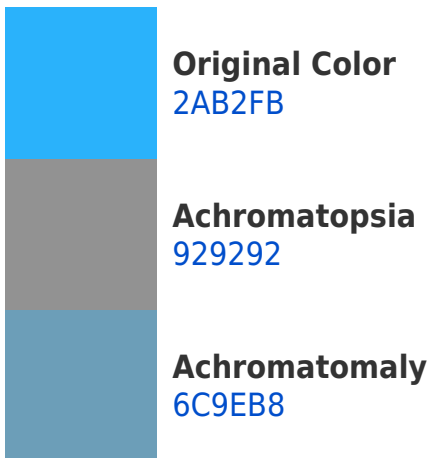


**Tritanopia**  
00BAC8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2AB2FB 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 #2AB2FB looks like.

```
.text, #text, p{  
    color:#2AB2FB  
}
```

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 #2AB2FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AB2FB
}
```

## Border

The CSS property to change the border of an element to Hex 2AB2FB 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
#2AB2FB }
```

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

```
.border{ border-color:#2AB2FB }
```

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

Here you see how a box with a 4 pixel #2AB2FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AB2FB; -webkit-box-shadow:4px 4px  
4px 4px #2AB2FB; box-shadow:4px 4px 4px  
4px #2AB2FB }
```

# Background

The CSS property to change the background color of an element to Hex 2AB2FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AB2FB }
```

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

```
.background{ background-color:#2AB2FB }
```

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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