

# Converting Colors

Hex(2BDAFE)

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

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# **Color**

**Hex(2BDAFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2BDAFE
RGB	43, 218, 254
RGB Percent	17%, 85%, 100%
CMY	0.8314, 0.1451, 0.0039
CMYK	0.83, 0.14, 0.00, 0.00
HSL	190°, 99%, 58%
HSV	190°, 83%, 100%
XYZ	43.9571, 57.8122, 102.6080
YIQ	169.7790, -115.8560, -25.9040

# Conversions

## Conversions Part 2

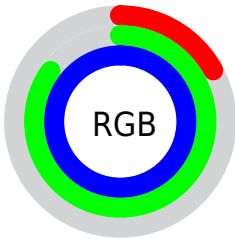
Format	Color
R <sub>Y</sub> B	43, 139, 254
Decimal	2874110
CIE Lab	80.63, -29.86, -29.47
CIE LCh	81, 41.956, 224.621
Yxy	57.8122, 0.2151, 0.2829
Android (android.graphics.Color)	4281064190 (0xFF2BDAFE)
YUV	169.7790, 41.5210, -111.1852
Hunter-Lab	76.0343, -29.8654, -26.7876

# Details

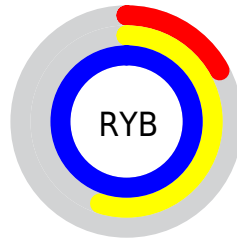
The Hex color **2BDAFE** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FE4F2B**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **7FFFFFFF**, and **00A3C5** is the 20% darker color. If you saturate the color by 10%, you get **12D6FE**, and if you desaturate by 10%, it is **44DEFE**.

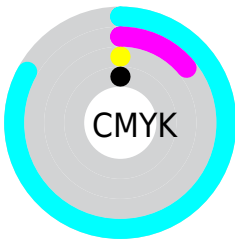
# Distribution



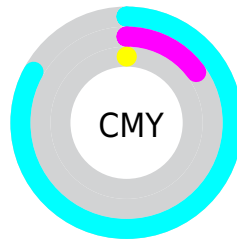
- Red (17%)
- Green (85%)
- Blue (100%)



- Red (17%)
- Yellow (55%)
- Blue (100%)



- Cyan (83%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (83%)
- Magenta (15%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 2BDAFE

 2BDAFE

FFFFFF

 00BEE1

 7FFFFFFF

 00A3C5

 A0FFFF

 0088AA

 C1FFFF

 006F8F

 E0FFFF

 005676

 003E5D

 002845

 00082F

 000119

■ 2BDAFE

■ 2BDAFE

■ 12D6FE

■ 44DEFE

■ 00D3FE

■ 5EE3FE

■ 77E7FE

■ 91EBFE

■ AAF0FE

■ C3F4FE

■ DDF8FE

■ F6FDFE

FFFFFE

# Harmonies

## Analogous

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



3ADDDB



2BDAFE



6CD2FF

# Triad

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



2BDAFE



FFACDE



CFCC7B

# Complementary

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



2BDAFE



FE4F2B

# 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.



F4BF7D



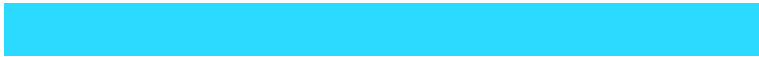
2BDAFE



FFAAB6

# Square

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



2BDAFE



E5B7FF



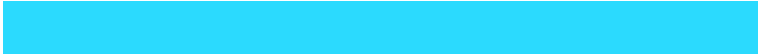
FFB293



A3D68F

# Rectangle

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



2BDAFE



9ACAFF



FFB293

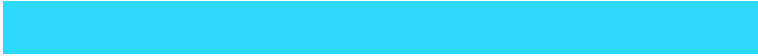


DCC879

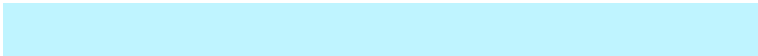


# Sweetspot

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



2BDAFE



BFF4FF



2BFE4E



597980



000000



808080

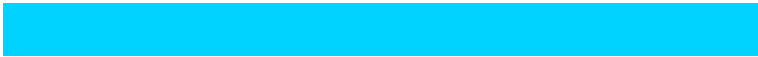


# Same Dimension

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



2BDAFE



00D3FF



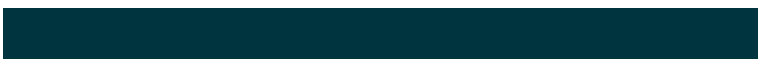
2B71FE



737D80



009FBF



003540



# Inverse Universe

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



FE2BDA



FF00D3



FEB82B



80737D



BF009F

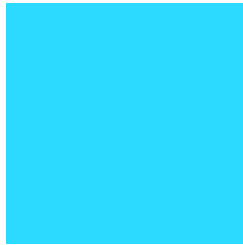


400035



# Previews

## White Background



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

## Color Contrast Check

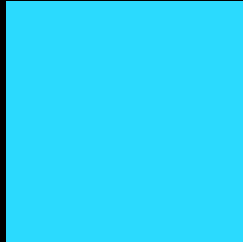
Large Text (above 18pt) WCAG AA × Fail

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 2BDAFE 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 2BDAFE Background



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

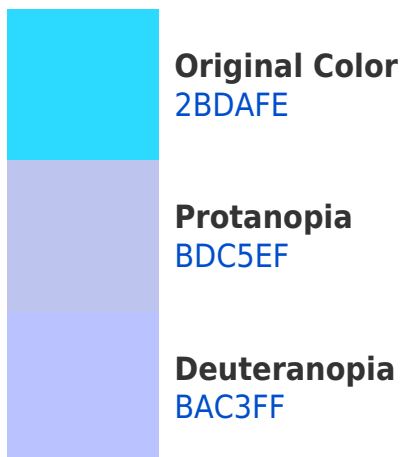


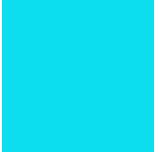
This preview shows how white text looks on a background with the Hex color 2BDAFE.

# 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](#).

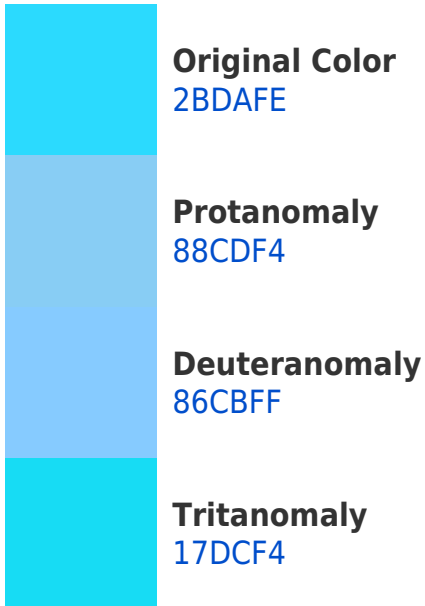
## Dichromacy



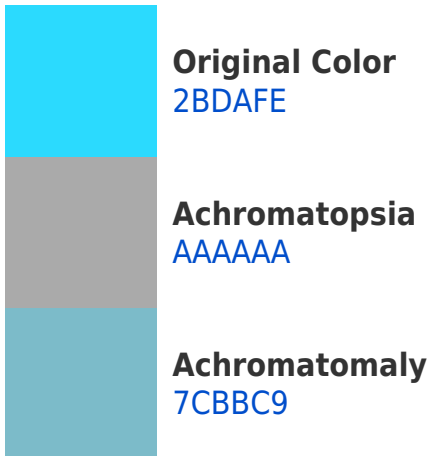


**Tritanopia**  
0CDDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #2BDAFE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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