

Converting Colors

Hex(2BD8FF)

Have a look what the booklet for
Hex(2BD8FF) contains.

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Color

Hex(2BD8FF)

Conversions

Conversions Part 1

Format	Color
Hex	2BD8FF
RGB	43, 216, 255
RGB Percent	17%, 85%, 100%
CMY	0.8314, 0.1529, 0.0000
CMYK	0.83, 0.15, 0.00, 0.00
HSL	191°, 100%, 58%
HSV	191°, 83%, 100%
XYZ	43.6021, 56.8453, 103.2819
YIQ	168.7190, -115.6270, -24.5470

Conversions

Conversions Part 2

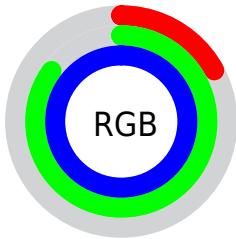
Format	Color
R _Y B	43, 138, 255
Decimal	2873599
CIE Lab	80.09, -28.57, -30.83
CIE LCh	80, 42.036, 227.180
Yxy	56.8453, 0.2140, 0.2790
Android (android.graphics.Color)	4281063679 (0xFF2BD8FF)
YUV	168.7190, 42.5365, -110.2556
Hunter-Lab	75.3958, -28.7145, -28.4420

Details

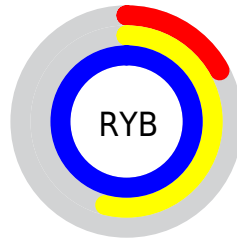
The Hex color **2BD8FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF522B**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **7FFFFFF**, and **00A1C6** is the 20% darker color. If you saturate the color by 10%, you get **12D3FF**, and if you desaturate by 10%, it is **45DDFF**.

Distribution



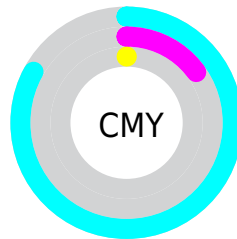
- Red (17%)
- Green (85%)
- Blue (100%)



- Red (17%)
- Yellow (54%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2BD8FF 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 2BD8FF by changing the saturation by 10% instead.

 2BD8FF

 2BD8FF

FFFFFF

 00BCE2

 7FFFFFFF

 00A1C6

 A0FFFF

 0086AB

 C0FFFF


 006D90

 E0FFFF

 005476

 003D5D

 002746

 00042F

 00011A

 2BD8FF

 2BD8FF

 12D3FF

 45DDFF

 00D0FF

 5EE1FF

 78E6FF

 91EBFF

 ABEFFF

 C4F4FF

 DEF9FF

 F7FEFF

FFFFFF

Harmonies

Analogous

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



32DCDC



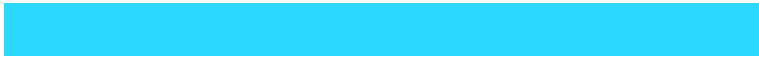
2BD8FF



70CFFF

Triad

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



2BD8FF



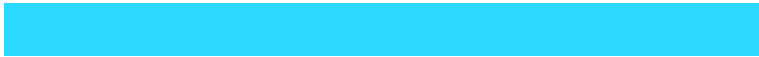
FFAAD9



CACB7A

Complementary

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



2BD8FF



FF522B

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.



EFBE7A



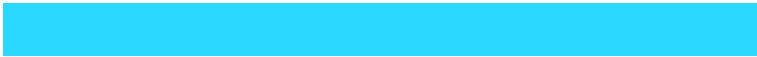
2BD8FF



FFA9B1

Square

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



2BD8FF



E7B4FC



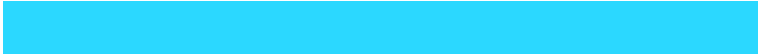
FFB18F



9DD590

Rectangle

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



2BD8FF



9DC7FF



FFB18F



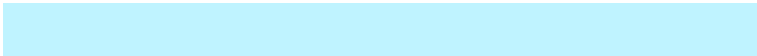
D7C778

Sweetspot

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



2BD8FF



BFF3FF



2BFF52



597880



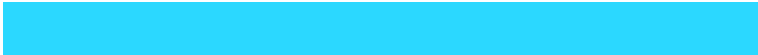
000000



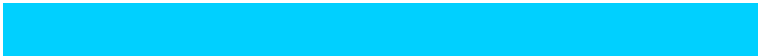
808080

Same Dimension

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



2BD8FF



00D0FF



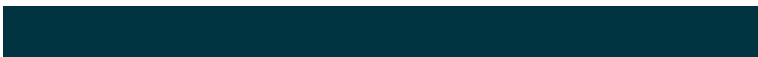
2B6EFF



737D80



009CBF



003440

Inverse Universe

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



FF2BD8



FF00D0



FFBC2B



80737D



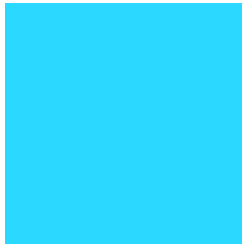
BF009C



400034

Previews

White Background



This preview shows how the Hex color 2BD8FF looks on a white background.

Color Contrast Check

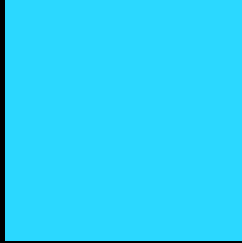
Large Text (above 18pt) WCAG AA × Fail

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 2BD8FF 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 2BD8FF Background



This preview shows how black text looks on a background with the Hex color 2BD8FF.

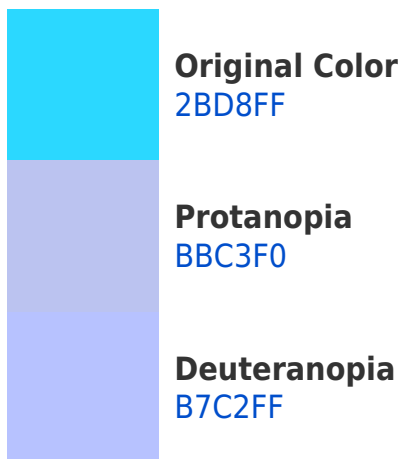


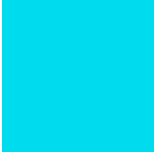
This preview shows how white text looks on a background with the Hex color 2BD8FF.

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](#).

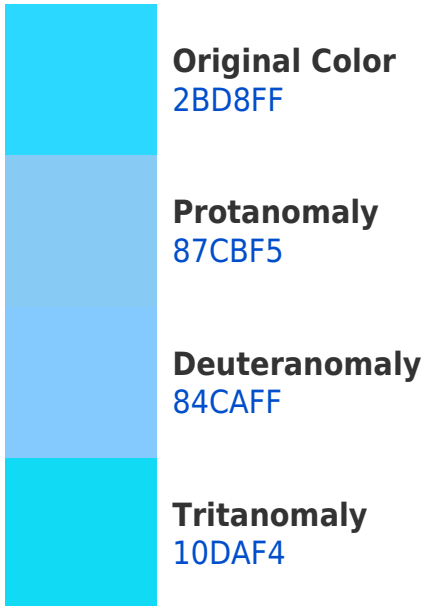
Dichromacy



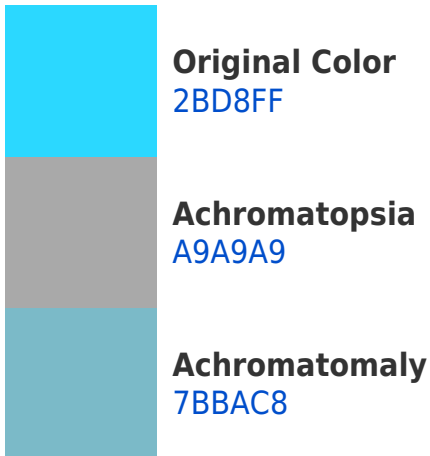


Tritanopia
00DBED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2BD8FF 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 #2BD8FF looks like.

```
.text, #text, p{  
    color:#2BD8FF  
}
```

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 #2BD8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BD8FF
}
```

Border

The CSS property to change the border of an element to Hex 2BD8FF 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
#2BD8FF }
```

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

```
.border{ border-color:#2BD8FF }
```

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

Here you see how a box with a 4 pixel #2BD8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BD8FF; -webkit-box-shadow:4px 4px  
4px 4px #2BD8FF; box-shadow:4px 4px 4px  
4px #2BD8FF }
```

Background

The CSS property to change the background color of an element to Hex 2BD8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BD8FF }
```

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

```
.background{ background-color:#2BD8FF }
```

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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