

Converting Colors

Hex(2BFFD9)

Have a look what the booklet for
Hex(2BFFD9) contains.

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Color

Hex(2BFFD9)

Conversions

Conversions Part 1

Format	Color
Hex	2BFFD9
RGB	43, 255, 217
RGB Percent	17%, 100%, 85%
CMY	0.8314, 0.0000, 0.1490
CMYK	0.83, 0.00, 0.15, 0.00
HSL	169°, 100%, 58%
HSV	169°, 83%, 100%
XYZ	49.2806, 77.0433, 77.9191
YIQ	187.2800, -114.1540, -56.7620

Conversions

Conversions Part 2

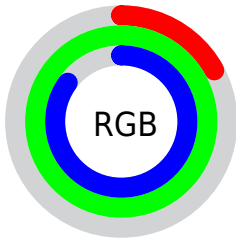
Format	Color
RYB	43, 159, 255
Decimal	2883545
CIELab	90.34, -56.69, 4.46
CIELCh	90, 56.861, 175.506
Yxy	77.0433, 0.2413, 0.3772
Android (android.graphics.Color)	4281073625 (0xFF2BFFD9)
YUV	187.2800, 14.6520, -126.5336
Hunter-Lab	87.7743, -53.3868, 8.8091

Details

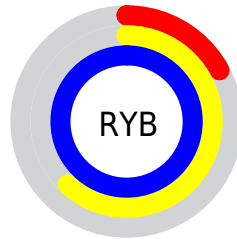
The Hex color **2BFFD9** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF2B51**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **80FFFF**, and **00C5A2** is the 20% darker color. If you saturate the color by 10%, you get **12FFD4**, and if you desaturate by 10%, it is **45FFDE**.

Distribution



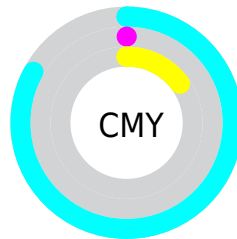
- Red (17%)
- Green (100%)
- Blue (85%)



- Red (17%)
- Yellow (62%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2BFFD9 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 2BFFD9 by changing the saturation by 10% instead.

 2BFFD9

 2BFFD9

FFFFFF

 00E2BD

 80FFFF

 00C5A2

 A2FFFF

 00A988

 C3FFFF

 008E6F

 E3FFFF

 007356

 00593F

 004029

 002915

 000200

 2BFFD9

 2BFFD9

 12FFD4

 45FFDE

 00FFD1

 5EFFE2

 78FFE7

 91FFEB

 ABFFF0

 C4FFF4

 DEFFF9

 F7FFFE

FFFFFF

Harmonies

Analogous

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



95F9A4



2BFFD9



00FFFF

Triad

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



2BFFD9



DCD8FF



FFCA8B

Complementary

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



2BFFD9



FF2B51

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.



FFBAB7



2BFFD9



FFC4FF

Square

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



2BFFD9



76EBFF



FFB7EE



FFDD75

Rectangle

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



2BFFD9



00BFFF



FFB7EE



FFC498

Sweetspot

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



2BFFD9



BFFFF4



52FF2B



598079



000000



808080

Same Dimension

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



2BFFD9



00FFD1



2BBCFF



73807D



00BF9D



004034

Inverse Universe

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



FF2B51



FF002E



FF6E2B



807375



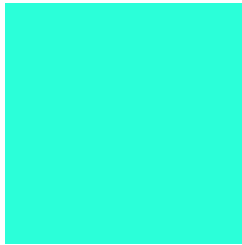
BF0022



40000B

Previews

White Background



This preview shows how the Hex color 2BFFD9 looks on a white background.

Color Contrast Check

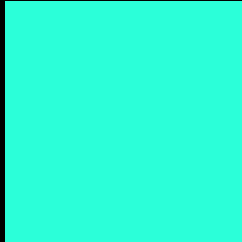
Large Text (above 18pt) WCAG AA × Fail

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 2BFFD9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

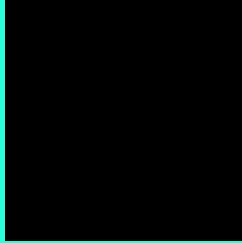
Any Text WCAG AA ✓ Pass

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 2BFFD9 Background



This preview shows how black text looks on a background with the Hex color 2BFFD9.

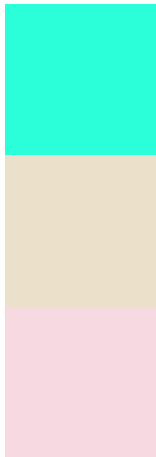


This preview shows how white text looks on a background with the Hex color 2BFFD9.

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](#).

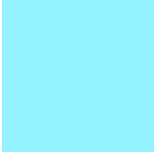
Dichromacy



Original Color
2BFFD9

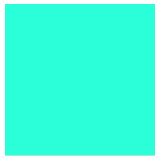
Protanopia
EBE0C9

Deuteranopia
F7DAE1

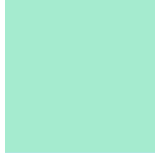


Tritanopia
94F1FF

Trichromacy



Original Color
2BFFD9



Protanomaly
A5EBCF



Deuteranomaly
ADE7DE

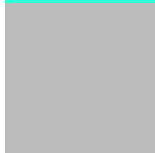


Tritanomaly
6EF6F1

Monochromacy



Original Color
2BFFD9



Achromatopsia
BBBBBB



Achromatomaly
87D4C6

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BFFD9 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 #2BFFD9 looks like.

```
.text, #text, p{  
    color:#2BFFD9  
}
```

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 #2BFFD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BFFD9
}
```

Border

The CSS property to change the border of an element to Hex 2BFFD9 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
#2BFFD9 }
```

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

```
.border{ border-color:#2BFFD9 }
```

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

Here you see how a box with a 4 pixel #2BFFD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BFFD9; -webkit-box-shadow:4px 4px  
4px 4px #2BFFD9; box-shadow:4px 4px 4px  
4px #2BFFD9 }
```

Background

The CSS property to change the background color of an element to Hex 2BFFD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BFFD9 }
```

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

```
.background{ background-color:#2BFFD9 }
```

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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