

Converting Colors

Hex(2BFDE0)

Have a look what the booklet for
Hex(2BFDE0) contains.

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Color

Hex(2BFDE0)

Conversions

Conversions Part 1

Format	Color
Hex	2BFDE0
RGB	43, 253, 224
RGB Percent	17%, 99%, 88%
CMY	0.8314, 0.0078, 0.1216
CMYK	0.83, 0.00, 0.11, 0.01
HSL	172°, 98%, 58%
HSV	172°, 83%, 99%
XYZ	49.5761, 76.1460, 82.6057
YIQ	186.9040, -115.8510, -53.5390

Conversions

Conversions Part 2

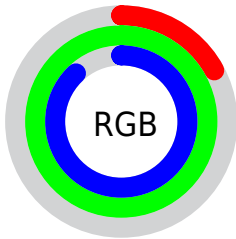
Format	Color
RYB	43, 156, 253
Decimal	2883040
CIELab	89.93, -54.10, 0.22
CIELCh	90, 54.099, 179.763
Yxy	76.1460, 0.2380, 0.3655
Android (android.graphics.Color)	4281073120 (0xFF2BFDE0)
YUV	186.9040, 18.2883, -126.2038
Hunter-Lab	87.2617, -51.2964, 4.9566

Details

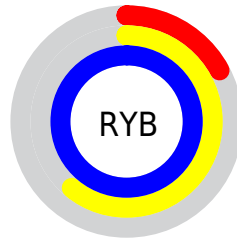
The Hex color **2BFDE0** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FD2B48**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **80FFFF**, and **00C3A9** is the 20% darker color. If you saturate the color by 10%, you get **12FDDD**, and if you desaturate by 10%, it is **44FDE3**.

Distribution



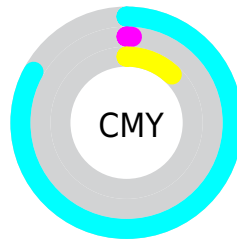
- Red (17%)
- Green (99%)
- Blue (88%)



- Red (17%)
- Yellow (61%)
- Blue (99%)



- Cyan (83%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)



- Cyan (83%)
- Magenta (1%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BFDE0 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 2BFDE0 by changing the saturation by 10% instead.

 2BFDE0

 2BFDE0

FFFFFF

 00E0C4

 80FFFF

 00C3A9

 A2FFFF

 00A78E

 C3FFFF

 008C75

 E3FFFF

 00725C

 005845

 003F2F

 00281A

 000000

 2BFDE0


 2BFDE0

 12FD3D

 44FDE3

 00FD3A

 5EFDE7

 77FDEA

 90FDEE

 AAFDF1

 C3FDF5

 DCFDF8

 F5FDFC

 FFFDFF

Harmonies

Analogous

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



8EF8AC



2BFDE0



00FCFF

Triad

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



2BFDE0



E6D5FF



FFCD8A

Complementary

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



2BFDE0



FD2B48

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.



FFBDB2



2BFDE0



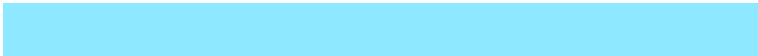
FFC2FF

Square

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



2BFDE0



8EE8FF



FFB8E5



FFDF79

Rectangle

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



2BFDE0



00F8FF



FFB8E5



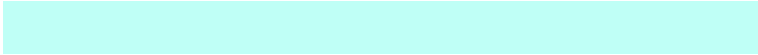
FFC795

Sweetspot

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



2BFDE0



BFFFF6



4AFD2B



59807A



000000



808080

Same Dimension

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



2BFDE0



00FFDC



2BB3FD



73807E



00BFA5



004037

Inverse Universe

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



FD2B48



FF0023



FD752B



807375



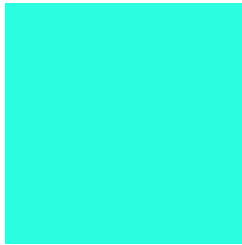
BF001A



400009

Previews

White Background



This preview shows how the Hex color 2BFDE0 looks on a white background.

Color Contrast Check

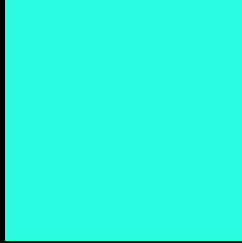
Large Text (above 18pt) WCAG AA × Fail

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 2BFDE0 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 2BFDE0 Background



This preview shows how black text looks on a background with the Hex color 2BFDE0.



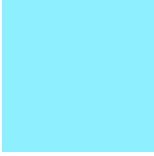
This preview shows how white text looks on a background with the Hex color 2BFDE0.

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



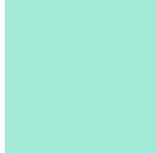


Tritanopia
8EF0FF

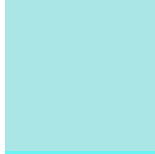
Trichromacy



Original Color
2BFDE0



Protanomaly
A3EAD6



Deuteranomaly
AAE6E5

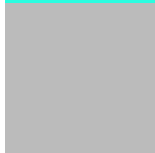


Tritanomaly
6AF5F4

Monochromacy



Original Color
2BFDE0



Achromatopsia
BBBBBB



Achromatomaly
87D3C8

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BFDE0 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 #2BFDE0 looks like.

```
.text, #text, p{  
    color:#2BFDE0  
}
```

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 #2BFDE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BFDE0
}
```

Border

The CSS property to change the border of an element to Hex 2BFDE0 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
#2BFDE0 }
```

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

```
.border{ border-color:#2BFDE0 }
```

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

Here you see how a box with a 4 pixel #2BFDE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BFDE0; -webkit-box-shadow:4px 4px  
4px 4px #2BFDE0; box-shadow:4px 4px 4px  
4px #2BFDE0 }
```

Background

The CSS property to change the background color of an element to Hex 2BFDE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BFDE0 }
```

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

```
.background{ background-color:#2BFDE0 }
```

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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