

Converting Colors

Hex(2CF8BD)

Have a look what the booklet for
Hex(2CF8BD) contains.

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Color

Hex(2CF8BD)

Conversions

Conversions Part 1

Format	Color
Hex	2CF8BD
RGB	44, 248, 189
RGB Percent	17%, 97%, 74%
CMY	0.8275, 0.0275, 0.2588
CMYK	0.82, 0.00, 0.24, 0.03
HSL	163°, 94%, 57%
HSV	163°, 82%, 97%
XYZ	43.7914, 71.3444, 59.6069
YIQ	180.2780, -102.6450, -61.5970

Conversions

Conversions Part 2

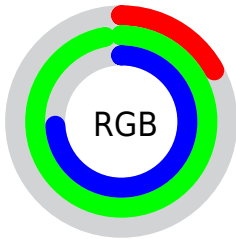
Format	Color
R_{YB}	44, 163, 248
Decimal	2947261
CIE _{Lab}	87.65, -60.60, 15.10
CIE _{LCh}	88, 62.452, 166.007
Yxy	71.3444, 0.2506, 0.4083
Android (android.graphics.Color)	4281137341 (0xFF2CF8BD)
YUV	180.2780, 4.2999, -119.5158
Hunter-Lab	84.4656, -55.2710, 17.2853

Details

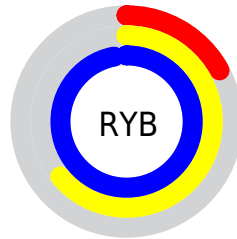
The Hex color **2CF8BD** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **F82C67**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **7EFFF5**, and **00BE88** is the 20% darker color. If you saturate the color by 10%, you get **13F8B6**, and if you desaturate by 10%, it is **45F8C4**.

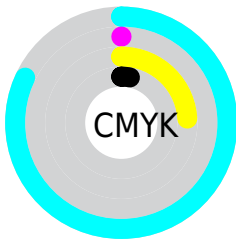
Distribution



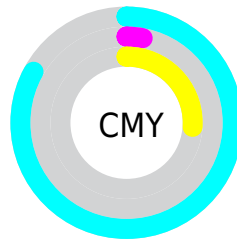
- Red (17%)
- Green (97%)
- Blue (74%)



- Red (17%)
- Yellow (64%)
- Blue (97%)



- Cyan (82%)
- Magenta (0%)
- Yellow (24%)
- Black (3%)



- Cyan (83%)
- Magenta (3%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CF8BD 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 2CF8BD by changing the saturation by 10% instead.

 2CF8BD

 2CF8BD

FFFFFF

 00DBA2

 7EFFF5

 00BE88

 9FFFFFF

 00A26E

 BFFFFFF

 008756

 DFFFFFF

 006D3E

 005328

 003A13

 002200

 000000

 2CF8BD

 2CF8BD

 13F8B6

 45F8C4

 00F8B0

 5EF8CB

 76F8D3

 8FF8DA

 A8F8E1

 C1F8E8

 DAF8EF

 F2F8F6

 FFF8FE

Harmonies

Analogous

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



9CF086



2CF8BD



00FAFB

Triad

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



2CF8BD



B1D7FF



FFB989

Complementary

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



2CF8BD



F82C67

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.



FFAABE



2CF8BD



FFC0FF

Square

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



2CF8BD



00EAFB



FFADFA



FFC666

Rectangle

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



2CF8BD



00F8FF



FFADFA



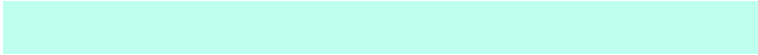
FFB399

Sweetspot

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



2CF8BD



BFFFED



69F82C



598074



000000



808080

Same Dimension

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



2CF8BD



03FFB6



2CCFF8



707D79



00BD86



003D2C

Inverse Universe

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



F82C67



FF034C



F8552C



7D7074



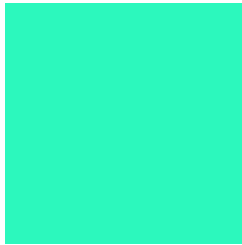
BD0037



3D0012

Previews

White Background



This preview shows how the Hex color 2CF8BD looks on a white background.

Color Contrast Check

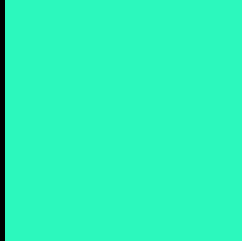
Large Text (above 18pt) WCAG AA × Fail

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 2CF8BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

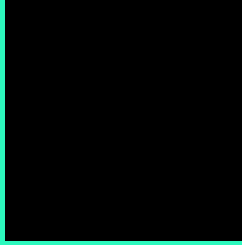
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

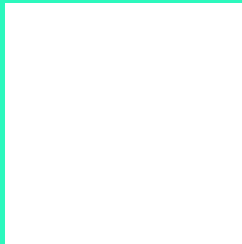
Any Text WCAG AAA ✓ Pass

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

Hex 2CF8BD Background



This preview shows how black text looks on a background with the Hex color 2CF8BD.

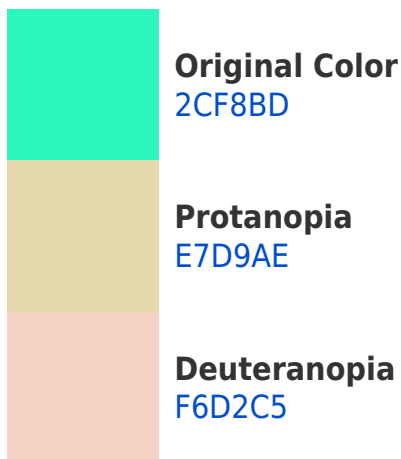


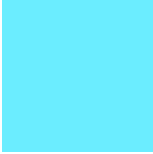
This preview shows how white text looks on a background with the Hex color 2CF8BD.

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
6BEDFF

Trichromacy



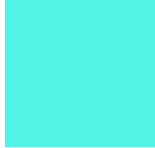
Original Color
2CF8BD



Protanomaly
A3E4B3



Deuteranomaly
ADE0C2



Tritanomaly
54F1E7

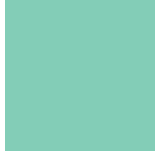
Monochromacy



Original Color
2CF8BD



Achromatopsia
B4B4B4



Achromatomaly
83CDB7

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CF8BD 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 #2CF8BD looks like.

```
.text, #text, p{  
    color:#2CF8BD  
}
```

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 #2CF8BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CF8BD
}
```

Border

The CSS property to change the border of an element to Hex 2CF8BD 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
#2CF8BD }
```

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

```
.border{ border-color:#2CF8BD }
```

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

Here you see how a box with a 4 pixel #2CF8BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CF8BD; -webkit-box-shadow:4px 4px  
4px 4px #2CF8BD; box-shadow:4px 4px 4px  
4px #2CF8BD }
```

Background

The CSS property to change the background color of an element to Hex 2CF8BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CF8BD }
```

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

```
.background{ background-color:#2CF8BD }
```

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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