

Converting Colors

Hex(2BF0A1)

Have a look what the booklet for
Hex(2BF0A1) contains.

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Color

Hex(2BF0A1)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2BF0A1 |
| RGB | 43, 240, 161 |
| RGB Percent | 17%, 94%, 63% |
| CMY | 0.8314, 0.0588, 0.3686 |
| CMYK | 0.82, 0.00, 0.33, 0.06 |
| HSL | 156°, 87%, 55% |
| HSV | 156°, 82%, 94% |
| XYZ | 38.5894, 65.4070, 44.3092 |
| YIQ | 172.0910, -92.0530, -66.3330 |

Conversions

Conversions Part 2

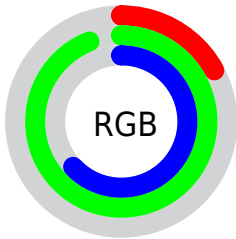
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 43, 166, 240 |
| Decimal | 2879649 |
| CIELab | 84.69, -63.78, 25.40 |
| CIELCh | 85, 68.656, 158.287 |
| Yxy | 65.4070, 0.2602, 0.4410 |
| Android (android.graphics.Color) | 4281069729 (0xFF2BF0A1) |
| YUV | 172.0910, -5.4679, -113.2128 |
| Hunter-Lab | 80.8746, -56.3591, 24.1287 |

Details

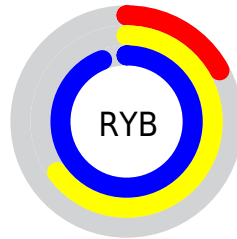
The Hex color **2BF0A1** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **F02B7A**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **7BFFD8**, and **00B76D** is the 20% darker color. If you saturate the color by 10%, you get **13F097**, and if you desaturate by 10%, it is **43F0AB**.

Distribution



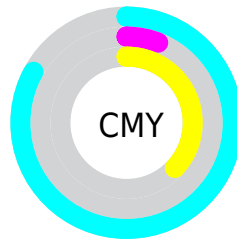
- Red (17%)
- Green (94%)
- Blue (63%)



- Red (17%)
- Yellow (65%)
- Blue (94%)



- Cyan (82%)
- Magenta (0%)
- Yellow (33%)
- Black (6%)



- Cyan (83%)
- Magenta (6%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BF0A1 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 2BF0A1 by changing the saturation by 10% instead.

 2BF0A1

 2BF0A1


FFFFFF

 00D387

 7BFFD8

 00B76D

 9CFFF5

 009B54

 BBFFFF

 00803C

 DBFFFF

 006525

 FAFFFF

 004B0F

 003400

 001900

 000000

 2BF0A1

 2BF0A1

 13F097

 43F0AB

 00F090

 5BF0B4

 73F0BE

 8BF0C7

 A3F0D1

 BBF0DB

 D3F0E4

 EBF0EE

 FFF0F8

Harmonies

Analogous

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



A1E668



2BF0A1



00F3E4

Triad

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



2BF0A1



7AD5FF



FFA786

Complementary

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



2BF0A1



F02B7A

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.



FF99C4



2BF0A1



EFBBFF

Square

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



2BF0A1



00E7FF



FFA2FF



FFBF58

Rectangle

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



2BF0A1



00F3FF



FFA2FF



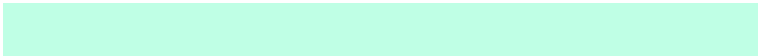
FFA09A

Sweetspot

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



2BF0A1



BFFFE5



7DF02B



598070



000000



808080

Same Dimension

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



2BF0A1



03FF9A



2BE0F0



6C7873



00B86E



003822

Inverse Universe

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



F02B7A



FF0368



F03B2B



786C71



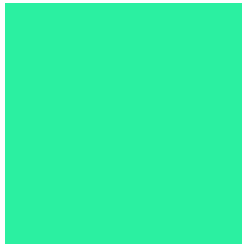
B8004A



380016

Previews

White Background



This preview shows how the Hex color 2BF0A1 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 2BF0A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

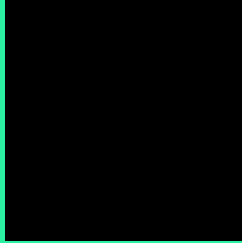
Any Text WCAG AA ✓ Pass

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 2BF0A1 Background



This preview shows how black text looks on a background with the Hex color 2BF0A1.

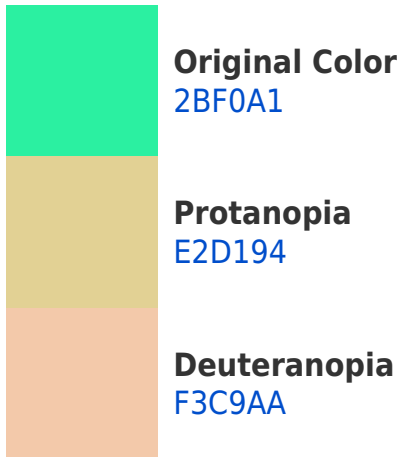


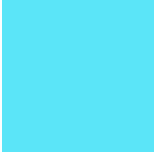
This preview shows how white text looks on a background with the Hex color 2BF0A1.

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



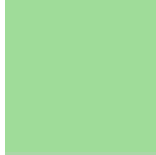


Tritanopia
5BE5F8

Trichromacy



Original Color
2BF0A1



Protanomaly
9FDC99



Deuteranomaly
AAD7A7



Tritanomaly
4AE9D8

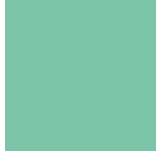
Monochromacy



Original Color
2BF0A1



Achromatopsia
ACACAC



Achromatomaly
7DC5A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BF0A1 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 #2BF0A1 looks like.

```
.text, #text, p{  
    color:#2BF0A1  
}
```

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 #2BF0A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BF0A1
}
```

Border

The CSS property to change the border of an element to Hex 2BF0A1 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
#2BF0A1 }
```

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

```
.border{ border-color:#2BF0A1 }
```

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

Here you see how a box with a 4 pixel #2BF0A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BF0A1; -webkit-box-shadow:4px 4px  
4px 4px #2BF0A1; box-shadow:4px 4px 4px  
4px #2BF0A1 }
```

Background

The CSS property to change the background color of an element to Hex 2BF0A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BF0A1 }
```

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

```
.background{ background-color:#2BF0A1 }
```

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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