

# Converting Colors

Hex(2ABFC1)

Have a look what the booklet for  
Hex(2ABFC1) contains.

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# Color

Hex(2ABFC1)

# Conversions

## Conversions Part 1

Format	Color
Hex	2ABFC1
RGB	42, 191, 193
RGB Percent	16%, 75%, 76%
CMY	0.8353, 0.2510, 0.2431
CMYK	0.78, 0.01, 0.00, 0.24
HSL	181°, 64%, 46%
HSV	181°, 78%, 76%
XYZ	29.2113, 41.6041, 56.9429
YIQ	146.6770, -89.4460, -30.9660

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	42, 117, 193
Decimal	2801601
CIE Lab	70.60, -35.84, -11.83
CIE LCh	71, 37.743, 198.266
Yxy	41.6041, 0.2286, 0.3256
Android (android.graphics.Color)	4280991681 (0xFF2ABFC1)
YUV	146.6770, 22.8372, -91.8017
Hunter-Lab	64.5012, -32.0382, -7.1914

# Details

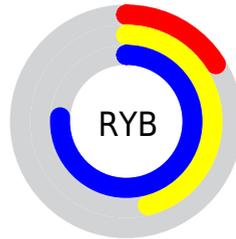
The Hex color **2ABFC1** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **C12C2A**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **73F8F9**, and **00898C** is the 20% darker color. If you saturate the color by 10%, you get **17BFC1**, and if you desaturate by 10%, it is **3DBFC1**.

# Distribution



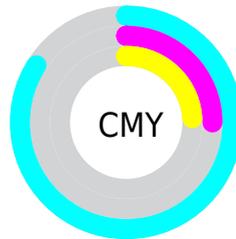
- Red (16%)
- Green (75%)
- Blue (76%)



- Red (16%)
- Yellow (46%)
- Blue (76%)



- Cyan (78%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (84%)
- Magenta (25%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2ABFC1 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 2ABFC1 by changing the saturation by 10% instead.

 2ABFC1

 2ABFC1

FFFFFF

 00A4A6

 73F8F9

 00898C

 93FFFF

 006F72

 B1FFFF

 00565A

 D0FFFF

 003E42

 EEEFFF

 00282C

 000518

 000000

 2ABFC1

 2ABFC1

■ 17BFC1

■ 3DBFC1

■ 03BEC1

■ 51C0C1

■ 00BEC1

■ 64C0C1

■ 77C0C1

■ 8BC0C1

■ 9EC1C1

■ B1C1C1

■ C4C1C1

■ D8C1C1

# Harmonies

## Analogous

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



5BBE9E



2ABFC1



28BCDF

# Triad

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



2ABFC1



CB9CDB



CFA669

# Complementary

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



2ABFC1



C12C2A

# 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.



E79A7B



2ABFC1



E793BC

# Square

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



2ABFC1



9DA9EE



F09399



AEB16A

# Rectangle

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



2ABFC1



4FB7EC



F09399



D8A26D

# Sweetspot

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



2ABFC1



C0F9FA



2AC12A



5A7C7D



FCFCFC



7D7D7D



# Same Dimension

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



2ABFC1



0FF7FA



2A76C1



576161



009FA1



002121



# Inverse Universe

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



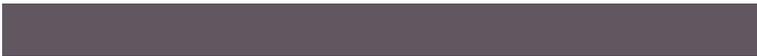
C12ABF



FA0FF7



C1762A



615761



A1009F



210021



# Previews

## White Background



This preview shows how the Hex color 2ABFC1 looks on a white background.

## Color Contrast Check

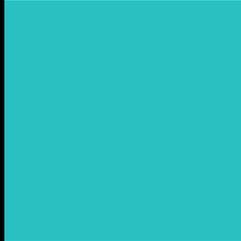
Large Text (above 18pt) WCAG AA × Fail

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 2ABFC1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

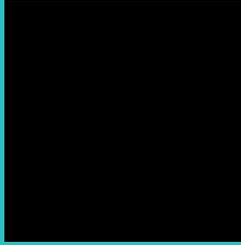
Any Text WCAG AA ✓ Pass

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 2ABFC1 Background



This preview shows how black text looks on a background with the Hex color 2ABFC1.



This preview shows how white text looks on a background with the Hex color 2ABFC1.

# 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**  
34BDCD

# Trichromacy



**Original Color**  
2ABFC1



**Protanomaly**  
7DB2B9



**Deuteranomaly**  
7FB0C4



**Tritanomaly**  
30BEC9

# Monochromacy



**Original Color**  
2ABFC1



**Achromatopsia**  
939393



**Achromatomaly**  
6DA3A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2ABFC1 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 #2ABFC1 looks like.

```
.text, #text, p{  
    color:#2ABFC1  
}
```

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 #2ABFC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2ABFC1
}
```

## Border

The CSS property to change the border of an element to Hex 2ABFC1 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
#2ABFC1 }
```

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

```
.border{ border-color:#2ABFC1 }
```

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

Here you see how a box with a 4 pixel #2ABFC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2ABFC1; -webkit-box-shadow:4px 4px  
4px 4px #2ABFC1; box-shadow:4px 4px 4px  
4px #2ABFC1 }
```

# Background

The CSS property to change the background color of an element to Hex 2ABFC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2ABFC1 }
```

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

```
.background{ background-color:#2ABFC1 }
```

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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