

# Converting Colors

Hex(2BE29C)

Have a look what the booklet for  
Hex(2BE29C) contains.

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**Color**

**Hex(2BE29C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2BE29C
RGB	43, 226, 156
RGB Percent	17%, 89%, 61%
CMY	0.8314, 0.1137, 0.3882
CMYK	0.81, 0.00, 0.31, 0.11
HSL	157°, 76%, 53%
HSV	157°, 81%, 89%
XYZ	34.1934, 57.3066, 40.7116
YIQ	163.3030, -86.5980, -60.5660

# Conversions

## Conversions Part 2

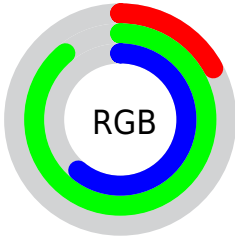
Format	Color
<b>RYB</b>	43, 156, 226
Decimal	2876060
CIELab	80.35, -59.70, 22.04
CIELCh	80, 63.640, 159.738
Yxy	57.3066, 0.2586, 0.4334
Android (android.graphics.Color)	4281066140 (0xFF2BE29C)
YUV	163.3030, -3.6004, -105.5057
Hunter-Lab	75.7011, -51.8505, 21.1050

# Details

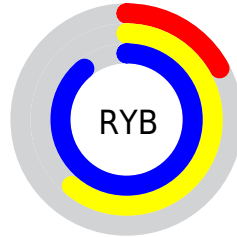
The Hex color **2BE29C** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E22B71**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **78FFD3**, and **00A968** is the 20% darker color. If you saturate the color by 10%, you get **14E293**, and if you desaturate by 10%, it is **42E2A5**.

# Distribution



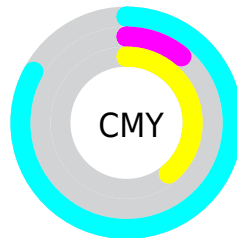
- Red (17%)
- Green (89%)
- Blue (61%)



- Red (17%)
- Yellow (61%)
- Blue (89%)



- Cyan (81%)
- Magenta (0%)
- Yellow (31%)
- Black (11%)



- Cyan (83%)
- Magenta (11%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2BE29C 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 2BE29C by changing the saturation by 10% instead.



 2BE29C

 2BE29C

FFFFFF

 00C582

 78FFD3

 00A968

 98FFEF

 008E50

 B7FFFF

 007338

 D6FFFF

 005922

 F5FFFF

 00400C

 002900

 000200

 000000

 2BE29C

 2BE29C

 14E293

 42E2A5

 00E28C

 58E2AD

 6FE2B6

 85E2BF

 9CE2C7

 B3E2D0

 C9E2D9

 E0E2E1

 F6E2EA

# Harmonies

## Analogous

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



96D967



2BE29C



00E5DA

# Triad

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



2BE29C



7FC7FF



FF9F7E

# Complementary

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



2BE29C



E22B71

# 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.



FF93B6



2BE29C



E5B0FF

# Square

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



2BE29C



00D9FF



FF9AF2



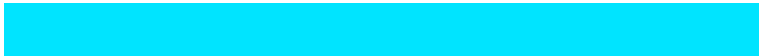
FFB655

# Rectangle

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



2BE29C



00E4FF



FF9AF2



FF9A90

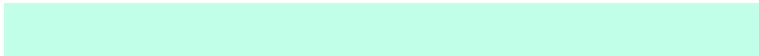


# Sweetspot

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



2BE29C



C2FFE8



71E22B



5B8071



000000



808080



# Same Dimension

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



2BE29C



08FFA0



2BCDE2



65706C



00B06D



00301E



# Inverse Universe

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



E22B71



FF0866



E2402B



706569



B00043

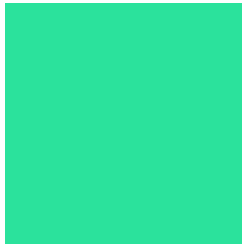


300013



# Previews

## White Background



This preview shows how the Hex color 2BE29C 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 2BE29C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

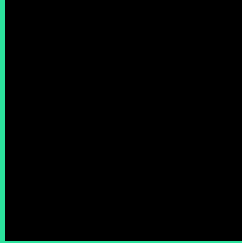
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2BE29C Background



This preview shows how black text looks on a background with the Hex color 2BE29C.

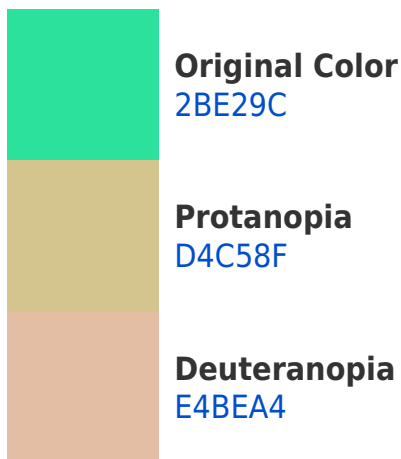


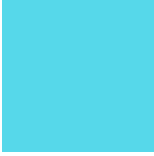
This preview shows how white text looks on a background with the Hex color 2BE29C.

# 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**  
56D8EA

# Trichromacy



**Original Color**  
2BE29C



**Protanomaly**  
97D094



**Deuteranomaly**  
A1CBA1



**Tritanomaly**  
46DCCE

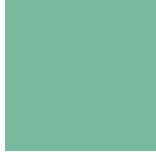
# Monochromacy



**Original Color**  
2BE29C



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
77BAA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2BE29C 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 #2BE29C looks like.

```
.text, #text, p{  
    color:#2BE29C  
}
```

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 #2BE29C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BE29C
}
```

## Border

The CSS property to change the border of an element to Hex 2BE29C 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
#2BE29C }
```

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

```
.border{ border-color:#2BE29C }
```

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

Here you see how a box with a 4 pixel #2BE29C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BE29C; -webkit-box-shadow:4px 4px  
4px 4px #2BE29C; box-shadow:4px 4px 4px  
4px #2BE29C }
```

# Background

The CSS property to change the background color of an element to Hex 2BE29C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BE29C }
```

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

```
.background{ background-color:#2BE29C }
```

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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