

Converting Colors

Hex(4BE79D)

Have a look what the booklet for
Hex(4BE79D) contains.

Hex(4BE79D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4BE79D)

Conversions

Conversions Part 1

Format	Color
Hex	4BE79D
RGB	75, 231, 157
RGB Percent	29%, 91%, 62%
CMY	0.7059, 0.0941, 0.3843
CMYK	0.68, 0.00, 0.32, 0.09
HSL	152°, 76%, 60%
HSV	152°, 68%, 91%
XYZ	37.5634, 61.0820, 41.7085
YIQ	175.9200, -69.2220, -56.0860

Conversions

Conversions Part 2

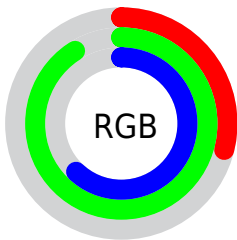
Format	Color
RYB	75, 177, 231
Decimal	4974493
CIELab	82.42, -57.31, 24.44
CIELCh	82, 62.305, 156.901
Yxy	61.0820, 0.2676, 0.4352
Android (android.graphics.Color)	4283164573 (0xFF4BE79D)
YUV	175.9200, -9.3276, -88.5068
Hunter-Lab	78.1550, -50.9793, 23.0675

Details

The Hex color **4BE79D** is a light color, and the websafe version is hex **00CC99**. The color can be described as light muted spring green. A complement of this color would be **E74B95**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **8CFFD4**, and **00AE69** is the 20% darker color. If you saturate the color by 10%, you get **34E792**, and if you desaturate by 10%, it is **62E7A8**.

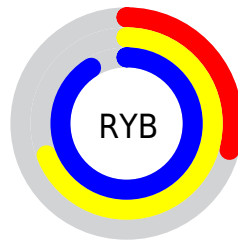
Distribution



Red (29%)

Green (91%)

Blue (62%)



Red (29%)

Yellow (69%)

Blue (91%)

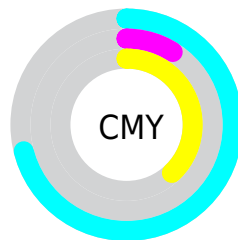


Cyan (68%)

Magenta (0%)

Yellow (32%)

Black (9%)



Cyan (71%)

Magenta (9%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BE79D 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 4BE79D by changing the saturation by 10% instead.

 4BE79D

 4BE79D

FFFFFF

 1FCA83

 8CFFD4

 00AE69

 ABFFF0

 009351

 C9FFFF

 007839


 E8FFFF

 005E22

 00450C

 002E00

 001000

 000000

 4BE79D

 4BE79D

 34E792

 62E7A8

 1DE787

 79E7B3

 06E77C

 90E7BE

 00E779

 A7E7C9

 BFE7D4

 D6E7DF

 EDE7EA

 FFE7F5

 FFE7FF

Harmonies

Analogous

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



A4DE6B



4BE79D



00EAD9

Triad

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



4BE79D



7CCFFF



FFA58A

Complementary

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



4BE79D



E74B95

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.



FF9AC2



4BE79D



E3B8FF

Square

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



4BE79D



00DFFF



FFA3FC



FFBA60

Rectangle

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



4BE79D



00EAFB



FFA3FC



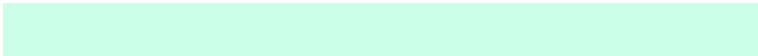
FF9F9B

Sweetspot

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



4BE79D



CCFFE7



96E74B



618071



000000



808080

Same Dimension

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



4BE79D



30FF9D



4BE4E7



67736D



00B35E



00331B

Inverse Universe

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



E74B95



FF3092



E74E4B



73676D



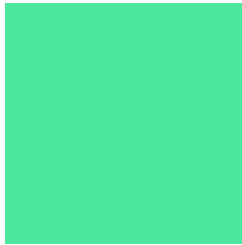
B30055



330018

Previews

White Background



This preview shows how the Hex color 4BE79D 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 4BE79D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

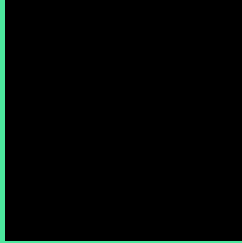
Any Text WCAG AA ✓ Pass

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 4BE79D Background



This preview shows how black text looks on a background with the Hex color 4BE79D.

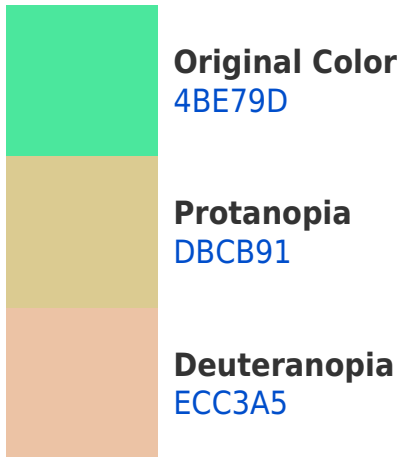


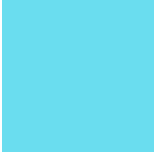
This preview shows how white text looks on a background with the Hex color 4BE79D.

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
6ADDEF

Trichromacy



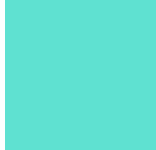
Original Color
4BE79D



Protanomaly
A7D595



Deuteranomaly
B1D0A2

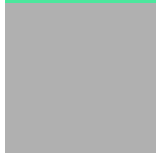


Tritanomaly
5FE1D1

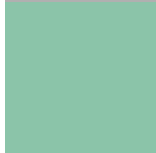
Monochromacy



Original Color
4BE79D



Achromatopsia
B0B0B0



Achromatomaly
8BC4A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BE79D 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 #4BE79D looks like.

```
.text, #text, p{  
    color:#4BE79D  
}
```

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 #4BE79D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BE79D
}
```

Border

The CSS property to change the border of an element to Hex 4BE79D 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
#4BE79D }
```

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

```
.border{ border-color:#4BE79D }
```

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

Here you see how a box with a 4 pixel #4BE79D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BE79D; -webkit-box-shadow:4px 4px  
4px 4px #4BE79D; box-shadow:4px 4px 4px  
4px #4BE79D }
```

Background

The CSS property to change the background color of an element to Hex 4BE79D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BE79D }
```

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

```
.background{ background-color:#4BE79D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor