

# Converting Colors

Hex(4ABD79)

Have a look what the booklet for  
Hex(4ABD79) contains.

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# **Color**

**Hex(4ABD79)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4ABD79
RGB	74, 189, 121
RGB Percent	29%, 74%, 47%
CMY	0.7098, 0.2588, 0.5255
CMYK	0.61, 0.00, 0.36, 0.26
HSL	145°, 47%, 52%
HSV	145°, 61%, 74%
XYZ	24.4728, 39.2315, 24.3717
YIQ	146.8630, -46.7120, -45.5280

# Conversions

## Conversions Part 2

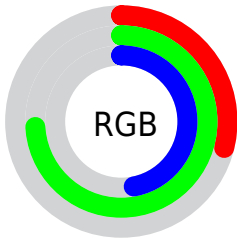
Format	Color
<a href="#">RYB</a>	<a href="#">74, 156, 189</a>
Decimal	<a href="#">4898169</a>
CIELab	<a href="#">68.92, -47.94, 24.98</a>
CIELCh	<a href="#">69, 54.054, 152.478</a>
Yxy	<a href="#">39.2315, 0.2779, 0.4454</a>
Android (android.graphics.Color)	<a href="#">4283088249 (0xFF4ABD79)</a>
YUV	<a href="#">146.8630, -12.7505, -63.9009</a>
Hunter-Lab	<a href="#">62.6351, -39.8677, 20.7744</a>

# Details

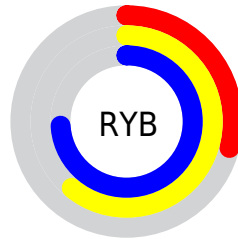
The Hex color **4ABD79** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BD4A8E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **85F6AE**, and **008748** is the 20% darker color. If you saturate the color by 10%, you get **37BD6E**, and if you desaturate by 10%, it is **5DBD84**.

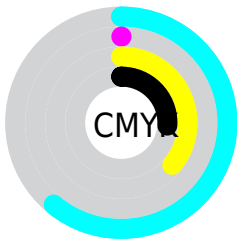
# Distribution



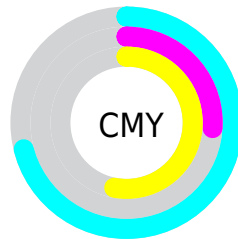
- Red (29%)
- Green (74%)
- Blue (47%)



- Red (29%)
- Yellow (61%)
- Blue (74%)



- Cyan (61%)
- Magenta (0%)
- Yellow (36%)
- Black (26%)



- Cyan (71%)
- Magenta (26%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4ABD79 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 4ABD79 by changing the saturation by 10% instead.



 4ABD79

 4ABD79

FFFFFF

 28A160

 85F6AE

 008748

 A2FFC9

 006C30

 BFFFE6

 00531A

 DCFFFF

 003B02

 FAFFFF

 002500

 000000

 4ABD79

 4ABD79

 37BD6E

 5DBD84

 24BD63

 70BD8F

 11BD57

 83BD9B

 00BD4D

 96BDA6

 A9BDB1

 BBBDBC

 CEBDC7

 E1BDD2

 F4BDDE

# Harmonies

## Analogous

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



8EB552



4ABD79



00C1AB

# Triad

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



4ABD79



51ACFF



FF8476

# Complementary

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



4ABD79



BD4A8E

# 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.



FF7DA6



4ABD79



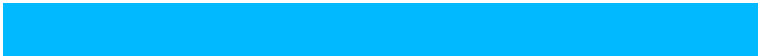
B09AFB

# Square

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



4ABD79



00B9FE



E887D6



E89551

# Rectangle

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



4ABD79



00C0CC



E887D6



FF8086

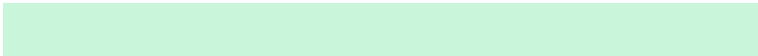


# Sweetspot

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



4ABD79



C9F5DB



8FBD4A



5F7A6A



FAFAFA



7A7A7A



# Same Dimension

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



4ABD79



42F58B



4ABDB2



555E59



009E41



001F0D



# Inverse Universe

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



BD4A8E



F542AC



BD4A56



5E555A



9E005D



1F0012



# Previews

## White Background



This preview shows how the Hex color 4ABD79 looks on a white background.

## Color Contrast Check

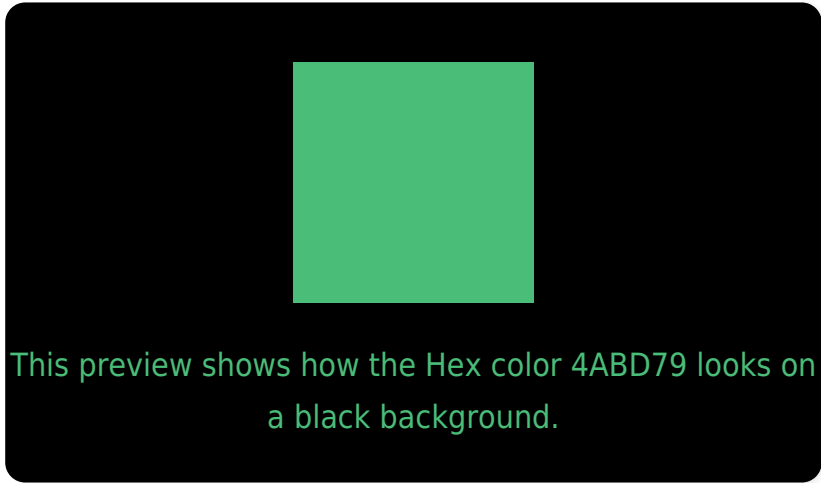
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

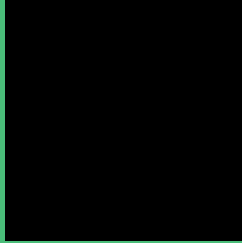
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4ABD79 Background



This preview shows how black text looks on a background with the Hex color 4ABD79.

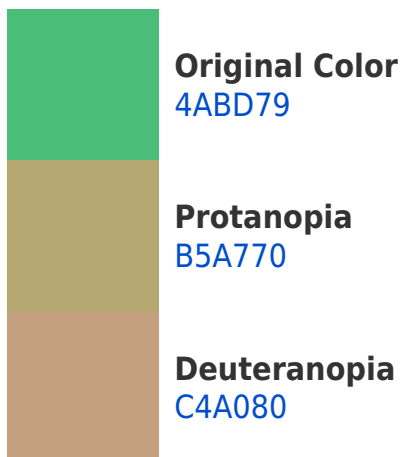


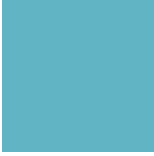
This preview shows how white text looks on a background with the Hex color 4ABD79.

# 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](#).

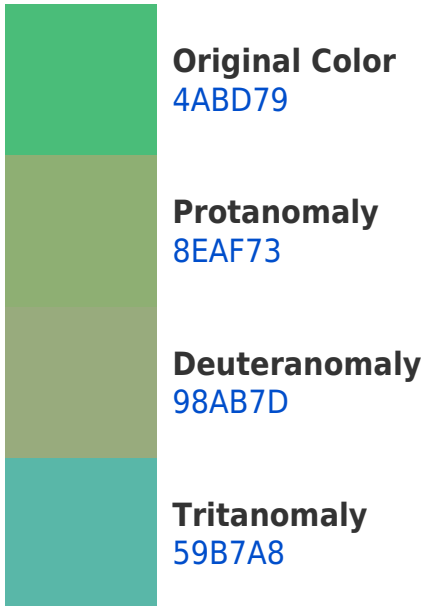
## Dichromacy



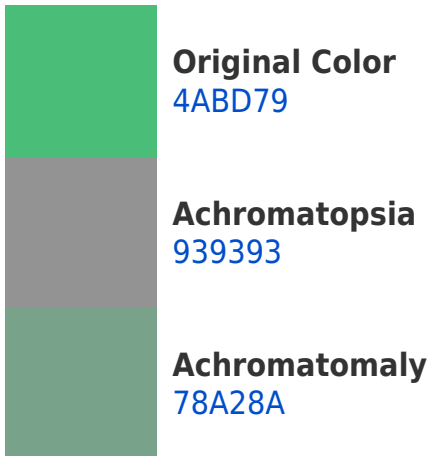


**Tritanopia**  
61B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4ABD79 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 #4ABD79 looks like.

```
.text, #text, p{  
    color:#4ABD79  
}
```

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 #4ABD79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ABD79
}
```

## Border

The CSS property to change the border of an element to Hex 4ABD79 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
#4ABD79 }
```

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

```
.border{ border-color:#4ABD79 }
```

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

Here you see how a box with a 4 pixel #4ABD79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ABD79; -webkit-box-shadow:4px 4px  
4px 4px #4ABD79; box-shadow:4px 4px 4px  
4px #4ABD79 }
```

# Background

The CSS property to change the background color of an element to Hex 4ABD79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ABD79 }
```

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

```
.background{ background-color:#4ABD79 }
```

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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