

# Converting Colors

Hex(4ABC7D)

Have a look what the booklet for  
Hex(4ABC7D) contains.

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# Color

Hex(4ABC7D)

# Conversions

## Conversions Part 1

Format	Color
Hex	4ABC7D
RGB	74, 188, 125
RGB Percent	29%, 74%, 49%
CMY	0.7098, 0.2627, 0.5098
CMYK	0.61, 0.00, 0.34, 0.26
HSL	147°, 46%, 51%
HSV	147°, 61%, 74%
XYZ	24.5089, 38.9030, 25.6193
YIQ	146.7320, -47.7210, -43.7610

# Conversions

## Conversions Part 2

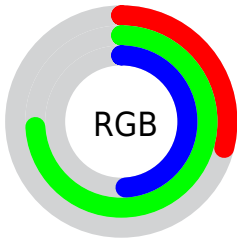
Format	Color
<a href="#">RYB</a>	<a href="#">74, 153, 188</a>
Decimal	<a href="#">4897917</a>
CIELab	<a href="#">68.68, -46.76, 22.53</a>
CIElCh	<a href="#">69, 51.901, 154.272</a>
Yxy	<a href="#">38.9030, 0.2753, 0.4370</a>
Android (android.graphics.Color)	<a href="#">4283087997 (0xFF4ABC7D)</a>
YUV	<a href="#">146.7320, -10.7139, -63.7860</a>
Hunter-Lab	<a href="#">62.3722, -39.0105, 19.3073</a>

# Details

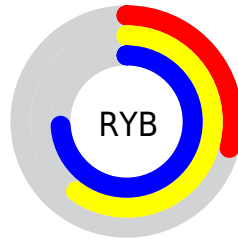
The Hex color **4ABC7D** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BC4A89**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **85F5B2**, and **00864B** is the 20% darker color. If you saturate the color by 10%, you get **37BC73**, and if you desaturate by 10%, it is **5DBC87**.

# Distribution



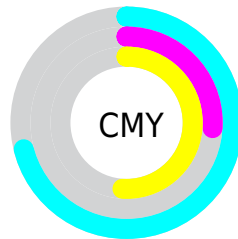
- Red (29%)
- Green (74%)
- Blue (49%)



- Red (29%)
- Yellow (60%)
- Blue (74%)



- Cyan (61%)
- Magenta (0%)
- Yellow (34%)
- Black (26%)



- Cyan (71%)
- Magenta (26%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4ABC7D 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 4ABC7D by changing the saturation by 10% instead.



 4ABC7D

 4ABC7D

FFFFFF

 29A064

 85F5B2

 00864B

 A1FFCE

 006C34

 BFFFEA

 00521E

 DCFFFF

 003A07

 FAFFFF

 002400

 000000

 4ABC7D

 4ABC7D

 37BC73

 5DBC87

 24BC68

 70BC92

 12BC5E

 82BC9C

 00BC54

 95BCA7

 A8BCB1

 BBBCBB

 CEBCC6

 E0BCD0

 F3BCDB

# Harmonies

## Analogous

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



8CB457



4ABC7D



00BFAD

# Triad

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



4ABC7D



5FAAFF



FB8675

# Complementary

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



4ABC7D



BC4A89

# 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.



FE7FA3



4ABC7D



B499F5

# Square

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



4ABC7D



00B7FB



E787D1



E39653

# Rectangle

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



4ABC7D



00BFCD



E787D1



FF8284

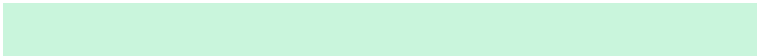


# Sweetspot

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



4ABC7D



C9F5DC



8BBC4A



5F7A6C



FAFAFA



7A7A7A



# Same Dimension

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



4ABC7D



42F592



4ABCB4



555E59



009E47



001F0E



# Inverse Universe

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



BC4A89



F542A5



BC4A52



5E555A



9E0057



1F0011



# Previews

## White Background



This preview shows how the Hex color 4ABC7D looks on a white background.

## Color Contrast Check

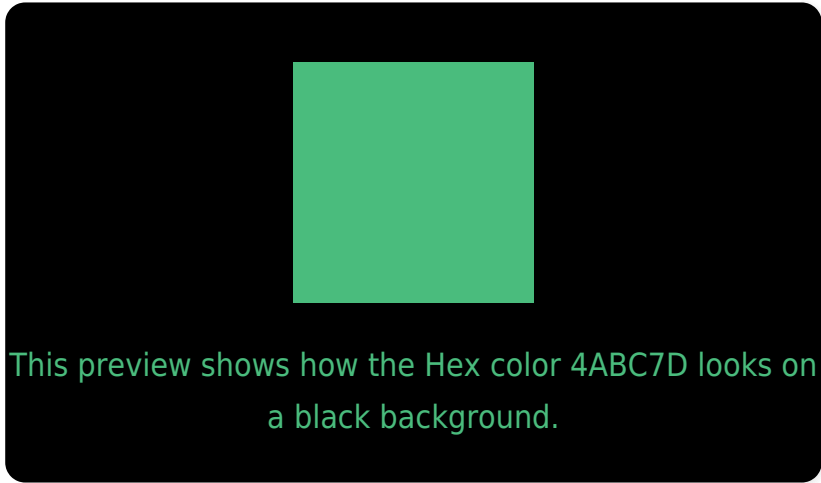
Large Text (above 18pt) WCAG AA × Fail

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 4ABC7D Background



This preview shows how black text looks on a background with the Hex color 4ABC7D.

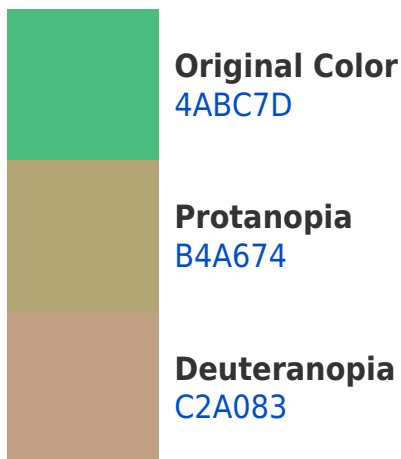


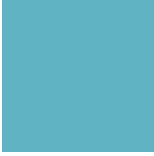
This preview shows how white text looks on a background with the Hex color 4ABC7D.

# 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](#).

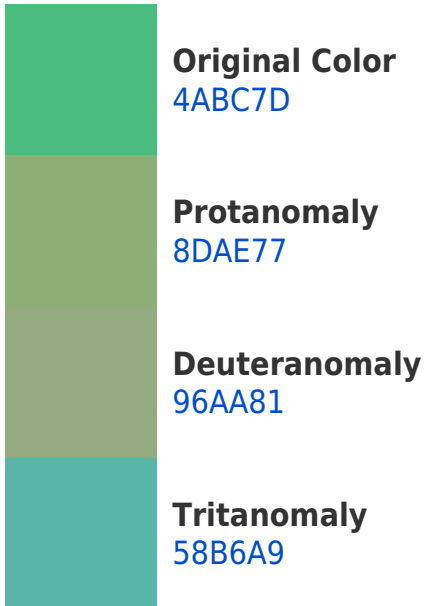
## Dichromacy



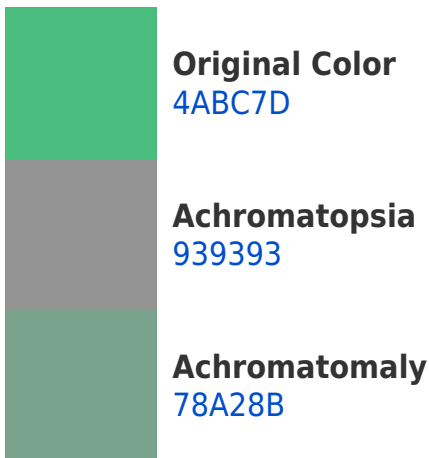


**Tritanopia**  
60B3C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4ABC7D 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 #4ABC7D looks like.

```
.text, #text, p{  
    color:#4ABC7D  
}
```

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 #4ABC7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ABC7D
}
```

## Border

The CSS property to change the border of an element to Hex 4ABC7D 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
#4ABC7D }
```

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

```
.border{ border-color:#4ABC7D }
```

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

Here you see how a box with a 4 pixel #4ABC7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ABC7D; -webkit-box-shadow:4px 4px  
4px 4px #4ABC7D; box-shadow:4px 4px 4px  
4px #4ABC7D }
```

# Background

The CSS property to change the background color of an element to Hex 4ABC7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ABC7D }
```

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

```
.background{ background-color:#4ABC7D }
```

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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