

# Converting Colors

Hex(4BBC7F)

Have a look what the booklet for  
Hex(4BBC7F) contains.

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# Color

Hex(4BBC7F)

# Conversions

## Conversions Part 1

Format	Color
Hex	4BBC7F
RGB	75, 188, 127
RGB Percent	29%, 74%, 50%
CMY	0.7059, 0.2627, 0.5020
CMYK	0.60, 0.00, 0.32, 0.26
HSL	148°, 46%, 52%
HSV	148°, 60%, 74%
XYZ	24.7156, 38.9946, 26.3027
YIQ	147.2590, -47.7670, -42.9270

# Conversions

## Conversions Part 2

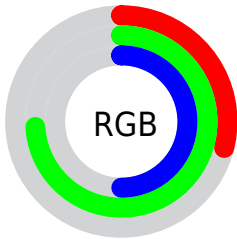
Format	Color
<a href="#">RYB</a>	<a href="#">75, 152, 188</a>
Decimal	<a href="#">4963455</a>
CIELab	<a href="#">68.75, -46.15, 21.56</a>
CIELCh	<a href="#">69, 50.937, 154.963</a>
Yxy	<a href="#">38.9946, 0.2746, 0.4332</a>
Android (android.graphics.Color)	<a href="#">4283153535 (0xFF4BBC7F)</a>
YUV	<a href="#">147.2590, -9.9877, -63.3711</a>
Hunter-Lab	<a href="#">62.4457, -38.6306, 18.7384</a>

# Details

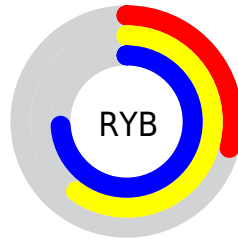
The Hex color **4BBC7F** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BC4B88**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **85F5B4**, and **00864D** is the 20% darker color. If you saturate the color by 10%, you get **38BC75**, and if you desaturate by 10%, it is **5EBC89**.

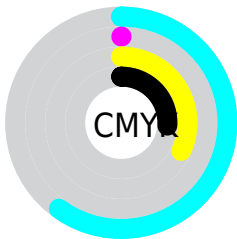
# Distribution



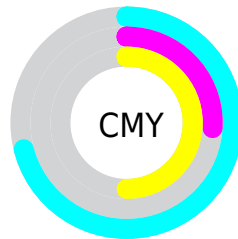
- Red (29%)
- Green (74%)
- Blue (50%)



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



- Cyan (60%)
- Magenta (0%)
- Yellow (32%)
- Black (26%)



- Cyan (71%)
- Magenta (26%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BBC7F 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 4BBC7F by changing the saturation by 10% instead.





4BBC7F



4BBC7F

FFFFFF



2AA066



85F5B4



00864D



A2FFD0



006C36



BFFFEC



005220



DDFFFF



003A0A



FBFFFF



002500



000000



4BBC7F



4BBC7F



38BC75



5EBC89

 25BC6B

 71BC93

 13BC61

 83BC9D

 00BC57

 96BCA8

 A9BCB2

 BCBCBC

 CFBCC6

 E1BCD0

 F4BCDA

# Harmonies

## Analogous

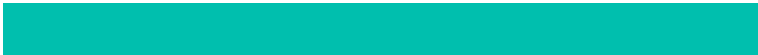
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8BB459



4BBC7F



00BFAE

# Triad

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



4BBC7F



64AAFF



FA8775

# Complementary

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



4BBC7F



BC4B88

# 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.



FD80A2



4BBC7F



B599F3

# Square

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



4BBC7F



00B7FA



E788D0



E29754

# Rectangle

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



4BBC7F



00BFCD



E788D0



FD8483

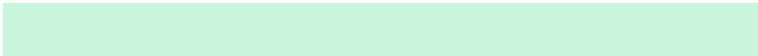


# Sweetspot

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



4BBC7F



C9F5DD



89BC4B



5F7A6C



FAFAFA



7A7A7A



# Same Dimension

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



4BBC7F



45F596



4BBCB6



555E59



009E49



001F0E



# Inverse Universe

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



BC4B88



F545A4



BC4B51



5E555A



9E0055

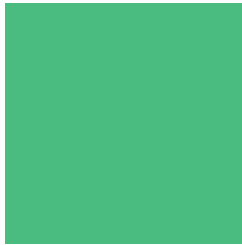


1F0011



# Previews

## White Background



This preview shows how the Hex color 4BBC7F looks on a white background.

## Color Contrast Check

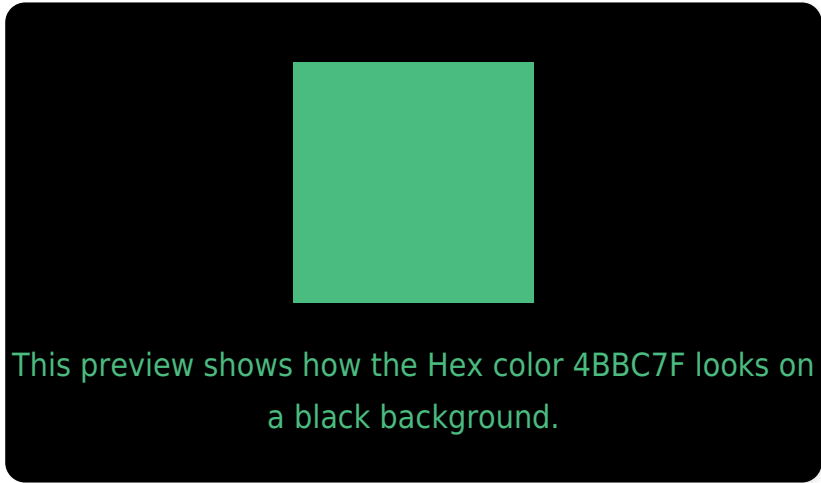
Large Text (above 18pt) WCAG AA × Fail

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 4BBC7F Background



This preview shows how black text looks on a background with the Hex color 4BBC7F.

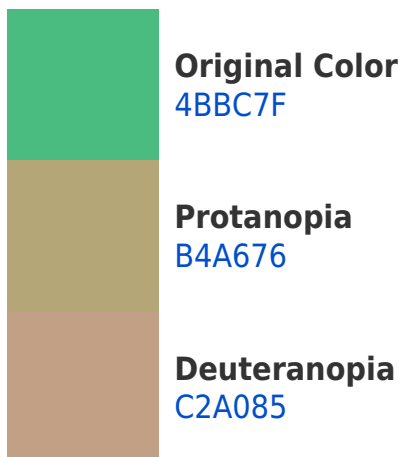


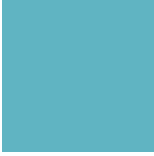
This preview shows how white text looks on a background with the Hex color 4BBC7F.

# 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**  
60B4C2

# Trichromacy



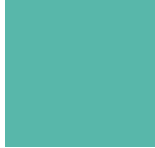
**Original Color**  
4BBC7F



**Protanomaly**  
8EAE79



**Deuteranomaly**  
97AA83



**Tritanomaly**  
58B7AA

# Monochromacy



**Original Color**  
4BBC7F



**Achromatopsia**  
939393



**Achromatomaly**  
79A28C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BBC7F 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 #4BBC7F looks like.

```
.text, #text, p{  
    color:#4BBC7F  
}
```

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 #4BBC7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BBC7F
}
```

## Border

The CSS property to change the border of an element to Hex 4BBC7F 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
#4BBC7F }
```

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

```
.border{ border-color:#4BBC7F }
```

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

Here you see how a box with a 4 pixel #4BBC7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BBC7F; -webkit-box-shadow:4px 4px  
4px 4px #4BBC7F; box-shadow:4px 4px 4px  
4px #4BBC7F }
```

# Background

The CSS property to change the background color of an element to Hex 4BBC7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BBC7F }
```

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

```
.background{ background-color:#4BBC7F }
```

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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