

# Converting Colors

Hex(4BCDA7)

Have a look what the booklet for  
Hex(4BCDA7) contains.

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# Color

Hex(4BCDA7)

# Conversions

## Conversions Part 1

Format	Color
Hex	4BCDA7
RGB	75, 205, 167
RGB Percent	29%, 80%, 65%
CMY	0.7059, 0.1961, 0.3451
CMYK	0.63, 0.00, 0.19, 0.20
HSL	162°, 57%, 55%
HSV	162°, 63%, 80%
XYZ	31.7080, 47.9485, 44.1430
YIQ	161.7980, -65.2820, -39.3780

# Conversions

## Conversions Part 2

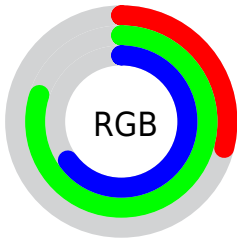
Format	Color
<a href="#">RYB</a>	<a href="#">75, 151, 205</a>
Decimal	<a href="#">4967847</a>
CIELab	<a href="#">74.79, -44.57, 8.52</a>
CIElCh	<a href="#">75, 45.379, 169.184</a>
Yxy	<a href="#">47.9485, 0.2561, 0.3873</a>
Android (android.graphics.Color)	<a href="#">4283157927</a> ( <a href="#">0xFF4BCDA7</a> )
YUV	<a href="#">161.7980, 2.5646, -76.1218</a>
Hunter-Lab	<a href="#">69.2449, -39.4413, 10.6745</a>

# Details

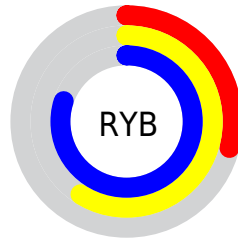
The Hex color **4BCDA7** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **CD4B71**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **89FFDE**, and **009673** is the 20% darker color. If you saturate the color by 10%, you get **37CDA1**, and if you desaturate by 10%, it is **60CDAD**.

# Distribution



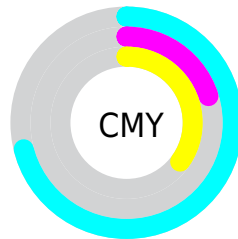
- Red (29%)
- Green (80%)
- Blue (65%)



- Red (29%)
- Yellow (59%)
- Blue (80%)



- Cyan (63%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)



- Cyan (71%)
- Magenta (20%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BCDA7 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 4BCDA7 by changing the saturation by 10% instead.



 4BCDA7

 4BCDA7

FFFFFF

 25B18D

 89FFDE

 009673

 A6FFFB

 007B5B

 C4FFFF

 006243

 E2FFFF

 00492D

 003118

 001900

 000000

 4BCDA7

 4BCDA7

 37CDA1

 60CDAD

 22CD9B

 74CDB3

 0ECD95

 89CDB9

 00CD91

 9DCDBF

 B2CDC5

 C6CDCB

 DBCDD1

 EFCDD7

 FFCDDD

# Harmonies

## Analogous

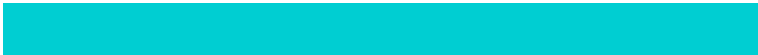
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88C880



4BCDA7



00CED2

# Triad

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



4BCDA7



A5B3FF



FDA27A

# Complementary

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



4BCDA7



CD4B71

# 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.



FF989F



4BCDA7



DDA3EF

# Square

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



4BCDA7



56C1FF



FF98C9



E0B065

# Rectangle

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



4BCDA7



00CCEC



FF98C9



FF9E85

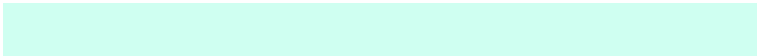


# Sweetspot

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



4BCDA7



CFFFF1



72CD4B



628077



000000



808080



# Same Dimension

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



4BCDA7



3DFFC6



4BB3CD



5C6663



00A675



00261B



# Inverse Universe

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



CD4B71



FF3D76



CD654B



665C5F



A60030

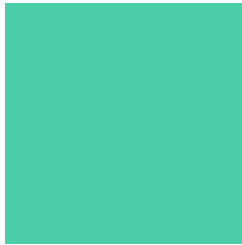


26000B



# Previews

## White Background



This preview shows how the Hex color 4BCDA7 looks on a white background.

## Color Contrast Check

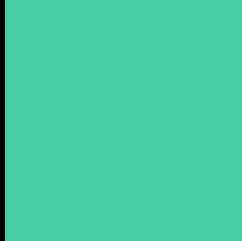
Large Text (above 18pt) WCAG AA × Fail

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 4BCDA7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

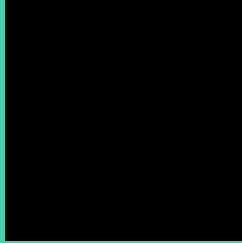
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

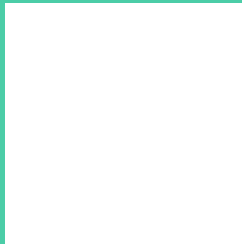
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4BCDA7 Background



This preview shows how black text looks on a background with the Hex color 4BCDA7.

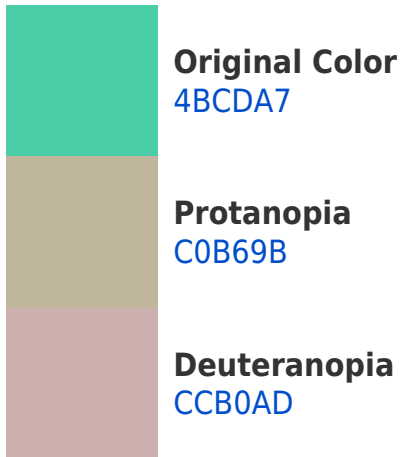


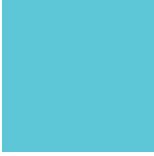
This preview shows how white text looks on a background with the Hex color 4BCDA7.

# 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**  
5EC6D7

# Trichromacy



**Original Color**

4BCDA7



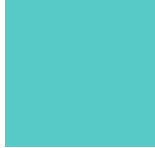
**Protanomaly**

95BE9F



**Deuteranomaly**

9DBBAB



**Tritanomaly**

57C9C6

# Monochromacy



**Original Color**

4BCDA7



**Achromatopsia**

A2A2A2



**Achromatomaly**

82B2A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BCDA7 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 #4BCDA7 looks like.

```
.text, #text, p{  
    color:#4BCDA7  
}
```

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 #4BCDA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BCDA7
}
```

## Border

The CSS property to change the border of an element to Hex 4BCDA7 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
#4BCDA7 }
```

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

```
.border{ border-color:#4BCDA7 }
```

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

Here you see how a box with a 4 pixel #4BCDA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BCDA7; -webkit-box-shadow:4px 4px  
4px 4px #4BCDA7; box-shadow:4px 4px 4px  
4px #4BCDA7 }
```

# Background

The CSS property to change the background color of an element to Hex 4BCDA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BCDA7 }
```

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

```
.background{ background-color:#4BCDA7 }
```

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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