

# Converting Colors

Hex(80C4A9)

Have a look what the booklet for  
Hex(80C4A9) contains.

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# **Color**

**Hex(80C4A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80C4A9
RGB	128, 196, 169
RGB Percent	50%, 77%, 66%
CMY	0.4980, 0.2314, 0.3373
CMYK	0.35, 0.00, 0.14, 0.23
HSL	156°, 37%, 64%
HSV	156°, 35%, 77%
XYZ	35.8034, 46.9336, 44.7082
YIQ	172.5900, -31.8610, -22.8130

# Conversions

## Conversions Part 2

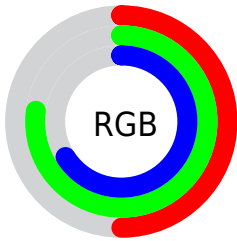
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 170, 196
Decimal	8438953
CIELab	74.15, -27.46, 6.77
CIELCh	74, 28.285, 166.144
Yxy	46.9336, 0.2809, 0.3683
Android (android.graphics.Color)	4286629033 (0xFF80C4A9)
YUV	172.5900, -1.7699, -39.1054
Hunter-Lab	68.5081, -26.6022, 9.2632

# Details

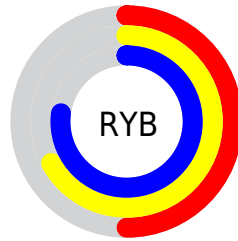
The Hex color **80C4A9** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C4809B**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **B7FDE0**, and **4B8E75** is the 20% darker color. If you saturate the color by 10%, you get **6CC4A1**, and if you desaturate by 10%, it is **94C4B1**.

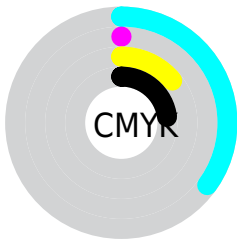
# Distribution



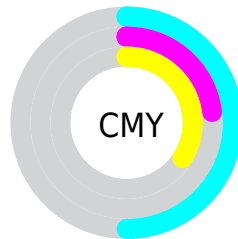
- Red (50%)
- Green (77%)
- Blue (66%)



- Red (50%)
- Yellow (67%)
- Blue (77%)



- Cyan (35%)
- Magenta (0%)
- Yellow (14%)
- Black (23%)



- Cyan (50%)
- Magenta (23%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80C4A9 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 80C4A9 by changing the saturation by 10% instead.



 80C4A9

 80C4A9


FFFFFF

 65A98F

 B7FDE0

 4B8E75

 D3FFFD

 31745C

 F0FFFF

 145B45

 00432F

 002C1A

 001700

 000000

 80C4A9

 80C4A9

 6CC4A1

 94C4B1

 59C499

 A7C4B9

 45C492

 BBC4C0

 32C48A

 CEC4C8

 1EC482

 E2C4D0

 0AC47A

 F6C4D8

 00C476

 FFC4DF

 FFC4E7

 FFC4EF

# Harmonies

## Analogous

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



9DC092



80C4A9



6BC5C4

# Triad

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



80C4A9



AAB4E8



E5A892

# Complementary

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



80C4A9



C4809B

# 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.



EBA4A9



80C4A9



CBABDA

# Square

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



80C4A9



85BCE8



E2A5C3



D4B184

# Rectangle

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



80C4A9



68C3D4



E2A5C3



E9A699

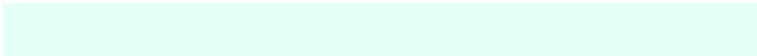


# Sweetspot

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



80C4A9



E6FFF5



9BC480



708079



000000



808080



# Same Dimension

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



80C4A9



94FFD4



80BDC4



57615D



00A161



002114



# Inverse Universe

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



C4809B



FF94BE



C48780



61575B



A10040



21000D



# Previews

## White Background



This preview shows how the Hex color 80C4A9 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 80C4A9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

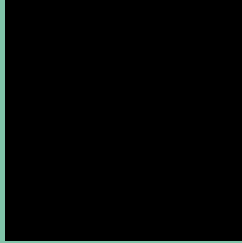
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 80C4A9 Background



This preview shows how black text looks on a background with the Hex color 80C4A9.

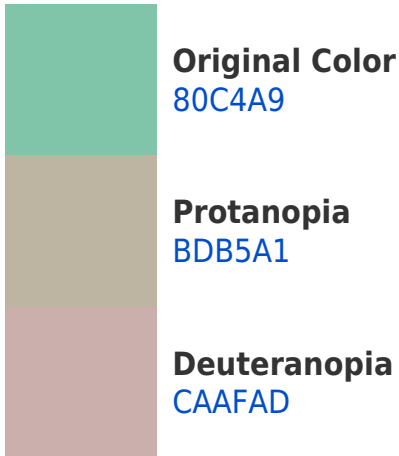


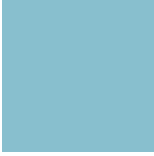
This preview shows how white text looks on a background with the Hex color 80C4A9.

# 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](#).

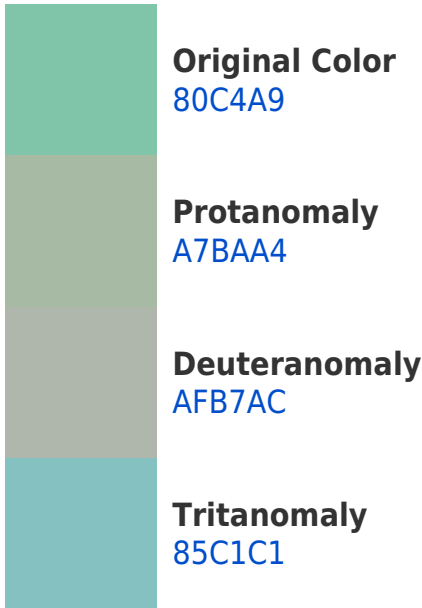
## Dichromacy



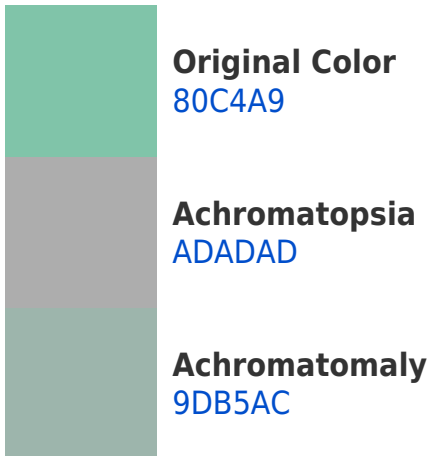


**Tritanopia**  
88BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80C4A9 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 #80C4A9 looks like.

```
.text, #text, p{  
    color:#80C4A9  
}
```

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 #80C4A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80C4A9
}
```

## Border

The CSS property to change the border of an element to Hex 80C4A9 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
#80C4A9 }
```

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

```
.border{ border-color:#80C4A9 }
```

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

Here you see how a box with a 4 pixel #80C4A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80C4A9; -webkit-box-shadow:4px 4px  
4px 4px #80C4A9; box-shadow:4px 4px 4px  
4px #80C4A9 }
```

# Background

The CSS property to change the background color of an element to Hex 80C4A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80C4A9 }
```

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

```
.background{ background-color:#80C4A9 }
```

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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