

# Converting Colors

Hex(79CBA7)

Have a look what the booklet for  
Hex(79CBA7) contains.

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**Color**

**Hex(79CBA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79CBA7
RGB	121, 203, 167
RGB Percent	47%, 80%, 65%
CMY	0.5255, 0.2039, 0.3451
CMYK	0.40, 0.00, 0.18, 0.20
HSL	154°, 44%, 64%
HSV	154°, 40%, 80%
XYZ	36.2161, 49.5668, 44.2178
YIQ	174.3780, -37.3160, -28.5800

# Conversions

## Conversions Part 2

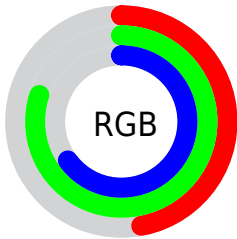
Format	Color
<a href="#">RYB</a>	<a href="#">121, 174, 203</a>
Decimal	<a href="#">7981991</a>
CIELab	<a href="#">75.80, -33.21, 10.17</a>
CIElCh	<a href="#">76, 34.738, 162.971</a>
Yxy	<a href="#">49.5668, 0.2786, 0.3813</a>
Android (android.graphics.Color)	<a href="#">4286172071 (0xFF79CBA7)</a>
YUV	<a href="#">174.3780, -3.6374, -46.8125</a>
Hunter-Lab	<a href="#">70.4037, -31.3849, 12.0449</a>

# Details

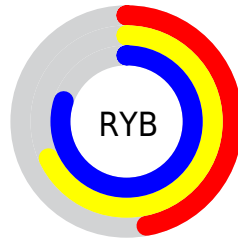
The Hex color **79CBA7** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CB799D**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **B0FFDE**, and **439473** is the 20% darker color. If you saturate the color by 10%, you get **65CB9E**, and if you desaturate by 10%, it is **8DCBB0**.

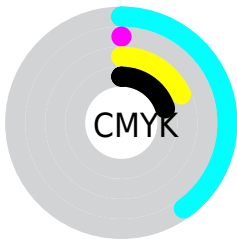
# Distribution



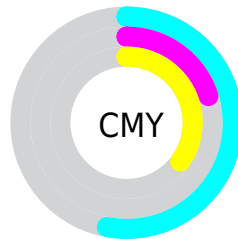
- Red (47%)
- Green (80%)
- Blue (65%)



- Red (47%)
- Yellow (68%)
- Blue (80%)



- Cyan (40%)
- Magenta (0%)
- Yellow (18%)
- Black (20%)



- Cyan (53%)
- Magenta (20%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79CBA7 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 79CBA7 by changing the saturation by 10% instead.



 79CBA7

 79CBA7

FFFFFF

 5EAF8D

 B0FFDE

 439473

 CDFFFB

 267A5A

 EAFFFF

 006143

 00492D

 003118

 001D00

 000000

 79CBA7

 79CBA7

 65CB9E

 8DCBB0

 50CB95

 A2CBB9

 3CCB8C

 B6CBC2

 28CB83

 CACBCB

 13CB7A

 DFCBD4

 00CB72

 F3CBDC

 FFCBE5

 FFCBEE

 FFCBF7

# Harmonies

## Analogous

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



9FC68B



79CBA7



57CCC8

# Triad

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



79CBA7



A5B9F9



F5A891

# Complementary

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



79CBA7



CB799D

# 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.



FAA3AE



79CBA7



D1AEEA

# Square

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



79CBA7



74C3F7



EEA5CE



E1B37E

# Rectangle

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



79CBA7



4DCBDD



EEA5CE



F9A69A

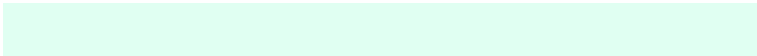


# Sweetspot

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



79CBA7



E0FFF2



9ECB79



6E8078



000000



808080



# Same Dimension

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



79CBA7



85FFC9



79C7CB



5C6662



00A65D



002615



# Inverse Universe

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



CB799D



FF85BA



CB7D79



665C60



A60049

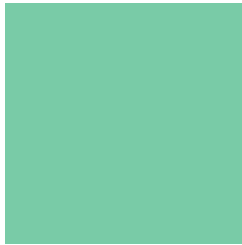


260011



# Previews

## White Background



This preview shows how the Hex color 79CBA7 looks on a white background.

## Color Contrast Check

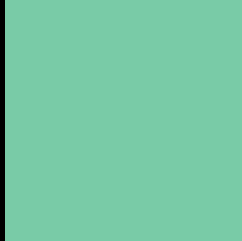
Large Text (above 18pt) WCAG AA × Fail

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 79CBA7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

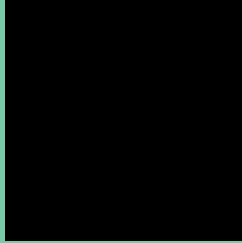
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 79CBA7 Background



This preview shows how black text looks on a background with the Hex color 79CBA7.

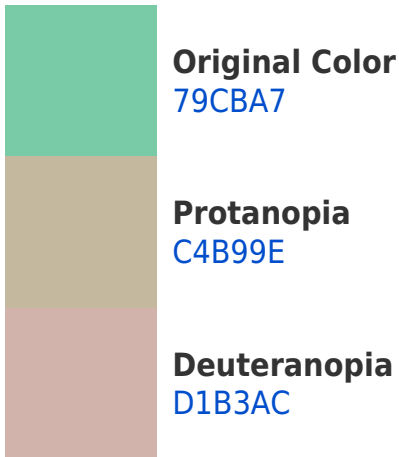


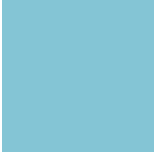
This preview shows how white text looks on a background with the Hex color 79CBA7.

# 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](#).

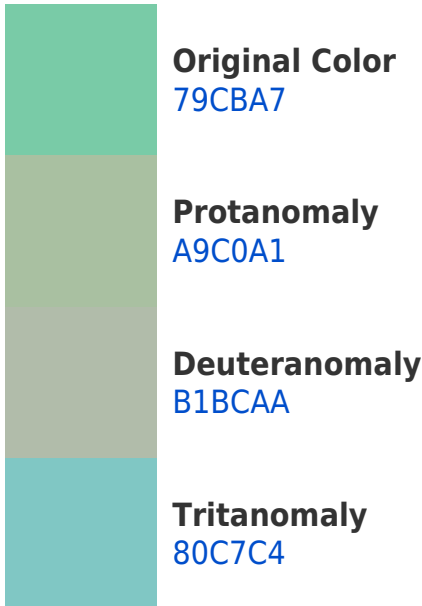
## Dichromacy



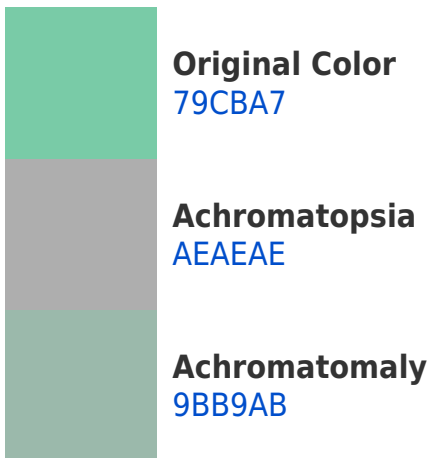


**Tritanopia**  
84C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79CBA7 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 #79CBA7 looks like.

```
.text, #text, p{  
    color:#79CBA7  
}
```

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 #79CBA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79CBA7  
}
```

## Border

The CSS property to change the border of an element to Hex 79CBA7 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  
#79CBA7 }
```

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

```
.border{ border-color:#79CBA7 }
```

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

Here you see how a box with a 4 pixel #79CBA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79CBA7; -webkit-box-shadow:4px 4px  
4px 4px #79CBA7; box-shadow:4px 4px 4px  
4px #79CBA7 }
```

# Background

The CSS property to change the background color of an element to Hex 79CBA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79CBA7 }
```

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

```
.background{ background-color:#79CBA7 }
```

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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