

Converting Colors

Hex(7BC49F)

Have a look what the booklet for
Hex(7BC49F) contains.

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Color

Hex(7BC49F)

Conversions

Conversions Part 1

Format	Color
Hex	7BC49F
RGB	123, 196, 159
RGB Percent	48%, 77%, 62%
CMY	0.5176, 0.2314, 0.3765
CMYK	0.37, 0.00, 0.19, 0.23
HSL	150°, 38%, 63%
HSV	150°, 37%, 77%
XYZ	34.1663, 46.1940, 39.9165
YIQ	169.9550, -31.6310, -26.9830

Conversions

Conversions Part 2

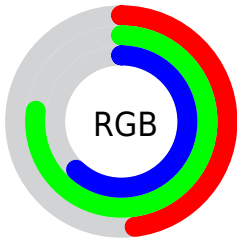
Format	Color
RYB	123, 172, 196
Decimal	8111263
CIELab	73.67, -31.00, 11.47
CIELCh	74, 33.053, 159.703
Yxy	46.1940, 0.2841, 0.3841
Android (android.graphics.Color)	4286301343 (0xFF7BC49F)
YUV	169.9550, -5.4008, -41.1795
Hunter-Lab	67.9662, -29.2096, 12.7554

Details

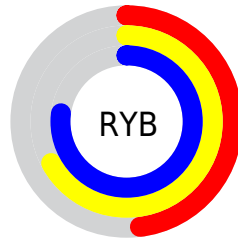
The Hex color **7BC49F** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C47BA0**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **B2FDD6**, and **468E6C** is the 20% darker color. If you saturate the color by 10%, you get **67C495**, and if you desaturate by 10%, it is **8FC4A9**.

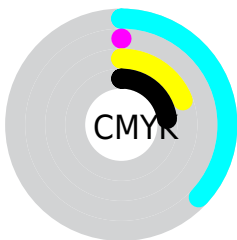
Distribution



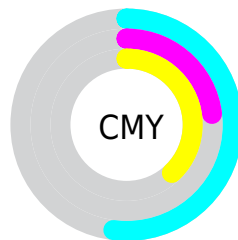
- Red (48%)
- Green (77%)
- Blue (62%)



- Red (48%)
- Yellow (67%)
- Blue (77%)



- Cyan (37%)
- Magenta (0%)
- Yellow (19%)
- Black (23%)



- Cyan (52%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BC49F 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 7BC49F by changing the saturation by 10% instead.



7BC49F



7BC49F

FFFFFF



60A985



B2FDD6



468E6C



CEFFF2



2B7453



EBFFFF



095B3C



004326



002C12



001500



000000



7BC49F



7BC49F

 67C495

 8FC4A9

 54C48B

 A2C4B3

 40C481

 B6C4BD

 2DC477

 C9C4C7

 19C46D

 DDC4D1

 05C463

 F1C4DB

 00C461

 FFC4E5

 FFC4EE

 FFC4F8

Harmonies

Analogous

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



9FBF86



7BC49F



5BC6BE

Triad

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



7BC49F



9BB5F0



EEA390

Complementary

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



7BC49F



C47BA0

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.



F19EAC



7BC49F



C6AAE4

Square

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



7BC49F



6EBEED



E4A1CB



DCAC7D

Rectangle

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



7BC49F



50C5D2



E4A1CB



F0A198

Sweetspot

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



7BC49F



E3FFF1



A1C47B



6F8077



000000



808080

Same Dimension

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



7BC49F



8CFFC5



7BC4C3



57615C



00A14F



002110

Inverse Universe

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



C47BA0



FF8CC6



C47B7C



61575C



A10051



210011

Previews

White Background



This preview shows how the Hex color 7BC49F 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 7BC49F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

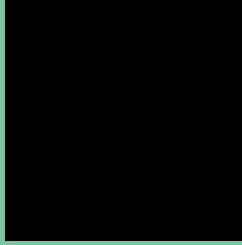
Any Text WCAG AA ✓ Pass

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 7BC49F Background



This preview shows how black text looks on a background with the Hex color 7BC49F.

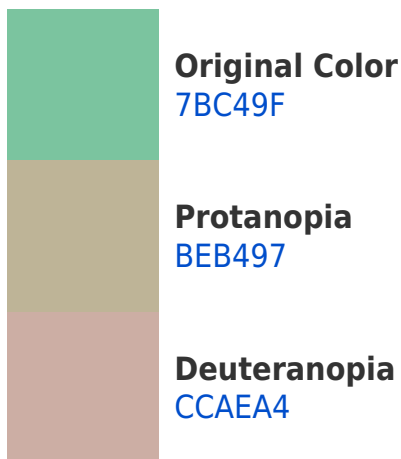


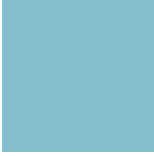
This preview shows how white text looks on a background with the Hex color 7BC49F.

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](#).

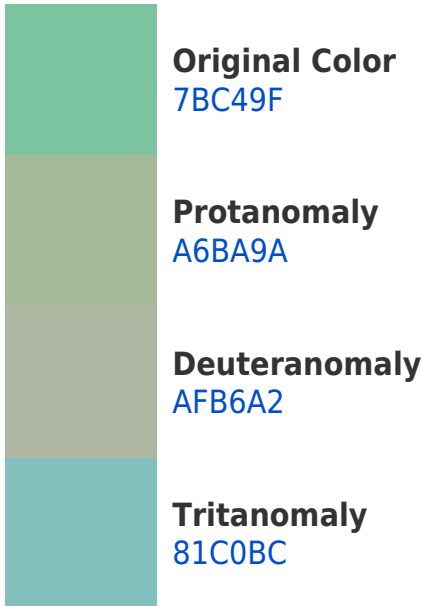
Dichromacy



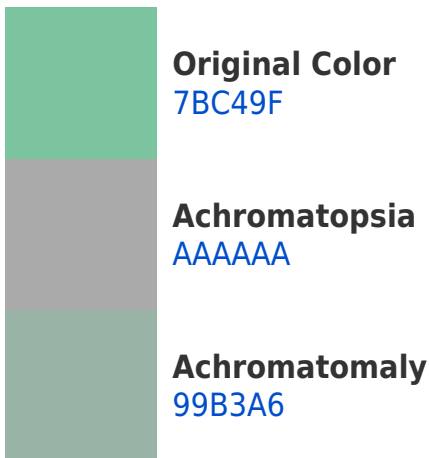


Tritanopia
85BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BC49F 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 #7BC49F looks like.

```
.text, #text, p{  
    color:#7BC49F  
}
```

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 #7BC49F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC49F
}
```

Border

The CSS property to change the border of an element to Hex 7BC49F 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
#7BC49F }
```

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

```
.border{ border-color:#7BC49F }
```

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

Here you see how a box with a 4 pixel #7BC49F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC49F; -webkit-box-shadow:4px 4px  
4px 4px #7BC49F; box-shadow:4px 4px 4px  
4px #7BC49F }
```

Background

The CSS property to change the background color of an element to Hex 7BC49F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC49F }
```

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

```
.background{ background-color:#7BC49F }
```

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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