

# Converting Colors

Hex(7BC69D)

Have a look what the booklet for  
Hex(7BC69D) contains.

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# Color

**Hex(7BC69D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BC69D
RGB	123, 198, 157
RGB Percent	48%, 78%, 62%
CMY	0.5176, 0.2235, 0.3843
CMYK	0.38, 0.00, 0.21, 0.22
HSL	147°, 40%, 63%
HSV	147°, 38%, 78%
XYZ	34.4483, 47.0334, 39.1610
YIQ	170.9010, -31.5390, -28.6510

# Conversions

## Conversions Part 2

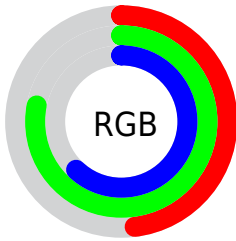
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">123, 175, 198</a>
Decimal	<a href="#">8111773</a>
CIELab	<a href="#">74.21, -32.35, 13.31</a>
CIELCh	<a href="#">74, 34.981, 157.644</a>
Yxy	<a href="#">47.0334, 0.2855, 0.3899</a>
Android (android.graphics.Color)	<a href="#">4286301853 (0xFF7BC69D)</a>
YUV	<a href="#">170.9010, -6.8532, -42.0092</a>
Hunter-Lab	<a href="#">68.5809, -30.3559, 14.1509</a>

# Details

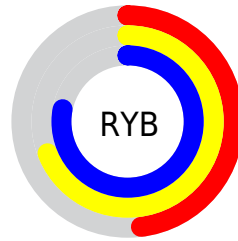
The Hex color **7BC69D** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C67BA4**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **B2FFD4**, and **46906A** is the 20% darker color. If you saturate the color by 10%, you get **67C692**, and if you desaturate by 10%, it is **8FC6A8**.

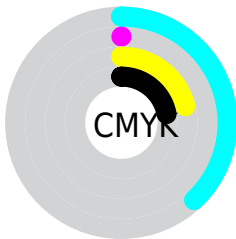
# Distribution



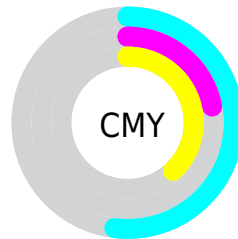
- Red (48%)
- Green (78%)
- Blue (62%)



- Red (48%)
- Yellow (69%)
- Blue (78%)



- Cyan (38%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)



- Cyan (52%)
- Magenta (22%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BC69D 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 7BC69D by changing the saturation by 10% instead.



 7BC69D

 7BC69D

FFFFFF

 60AA83

 B2FFD4

 46906A

 CEFFF0

 2A7651

 EBFFFF

 085D3A

 004424

 002D10

 001700

 000000

 7BC69D

 7BC69D

 67C692

 8FC6A8

 53C687

 A3C6B3

 40C67D

 B6C6BD

 2CC672

 CAC6C8

 18C667

 DEC6D3

 04C65C

 F2C6DE

 00C65A

 FFC6E9

 FFC6F4

 FFC6FE

# Harmonies

## Analogous

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



A1C083



7BC69D



56C8BE

# Triad

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



7BC69D



97B7F6



F3A291

# Complementary

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



7BC69D



C67BA4

# 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.



F59EAF



7BC69D



C5ABE9

# Square

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



7BC69D



66C0F1



E6A2D0



E1AC7C

# Rectangle

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



7BC69D



47C7D3



E6A2D0



F5A09A



# Sweetspot

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



7BC69D



E3FFF0



A4C67B



6F8076



000000



808080



# Same Dimension

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



7BC69D



8CFFC0



7BC6C2



5A635E



00A34A



002410



# Inverse Universe

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



C67BA4



FF8CCB



C67B7F



635A5F



A30059



240014



# Previews

## White Background



This preview shows how the Hex color 7BC69D looks on a white background.

## Color Contrast Check

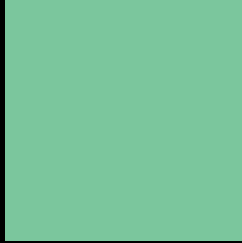
Large Text (above 18pt) WCAG AA × Fail

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 7BC69D 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 7BC69D Background



This preview shows how black text looks on a background with the Hex color 7BC69D.

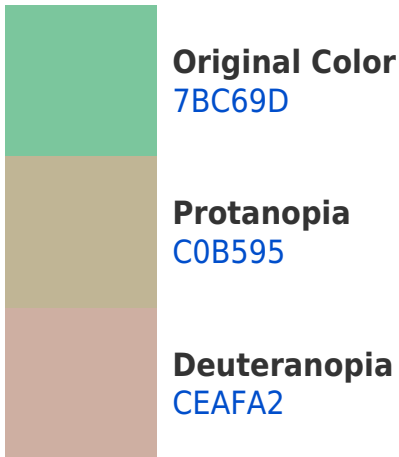


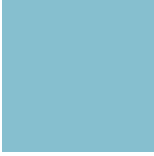
This preview shows how white text looks on a background with the Hex color 7BC69D.

# 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**  
86BFCF

# Trichromacy



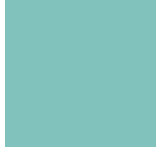
**Original Color**  
7BC69D



**Protanomaly**  
A7BB98



**Deuteranomaly**  
B0B7A0



**Tritanomaly**  
82C2BD

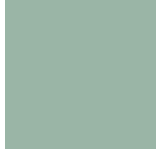
# Monochromacy



**Original Color**  
7BC69D



**Achromatopsia**  
ABABAB



**Achromatomaly**  
9AB5A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BC69D 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 #7BC69D looks like.

```
.text, #text, p{  
    color:#7BC69D  
}
```

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 #7BC69D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC69D
}
```

## Border

The CSS property to change the border of an element to Hex 7BC69D 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
#7BC69D }
```

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

```
.border{ border-color:#7BC69D }
```

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

Here you see how a box with a 4 pixel #7BC69D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC69D; -webkit-box-shadow:4px 4px  
4px 4px #7BC69D; box-shadow:4px 4px 4px  
4px #7BC69D }
```

# Background

The CSS property to change the background color of an element to Hex 7BC69D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC69D }
```

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

```
.background{ background-color:#7BC69D }
```

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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