

# Converting Colors

Hex(74C69B)

Have a look what the booklet for  
Hex(74C69B) contains.

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**Color**

**Hex(74C69B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74C69B
RGB	116, 198, 155
RGB Percent	45%, 78%, 61%
CMY	0.5451, 0.2235, 0.3922
CMYK	0.41, 0.00, 0.22, 0.22
HSL	149°, 42%, 62%
HSV	149°, 41%, 78%
XYZ	33.3129, 46.4677, 38.2237
YIQ	168.5800, -35.0690, -30.7570

# Conversions

## Conversions Part 2

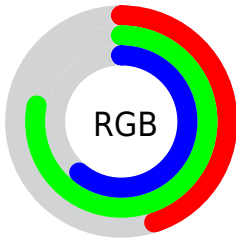
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">116, 172, 198</a>
Decimal	<a href="#">7653019</a>
CIELab	<a href="#">73.85, -34.75, 13.82</a>
CIELCh	<a href="#">74, 37.396, 158.306</a>
Yxy	<a href="#">46.4677, 0.2823, 0.3938</a>
Android (android.graphics.Color)	<a href="#">4285843099 (0xFF74C69B)</a>
YUV	<a href="#">168.5800, -6.6949, -46.1127</a>
Hunter-Lab	<a href="#">68.1672, -32.0608, 14.4711</a>

# Details

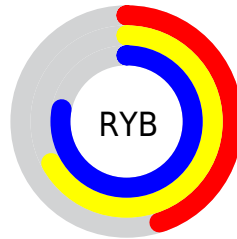
The Hex color **74C69B** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C6749F**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **ABFFD2**, and **3E9068** is the 20% darker color. If you saturate the color by 10%, you get **60C691**, and if you desaturate by 10%, it is **88C6A5**.

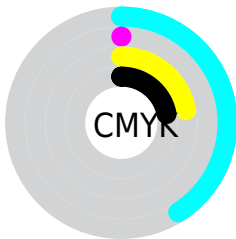
# Distribution



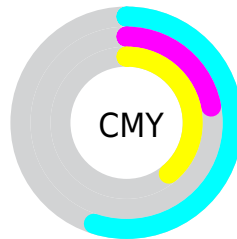
- Red (45%)
- Green (78%)
- Blue (61%)



- Red (45%)
- Yellow (67%)
- Blue (78%)



- Cyan (41%)
- Magenta (0%)
- Yellow (22%)
- Black (22%)



- Cyan (55%)
- Magenta (22%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74C69B 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 74C69B by changing the saturation by 10% instead.



 74C69B

 74C69B

FFFFFF

 59AA81

 ABFFD2

 3E9068

 C8FFEE

 207650

 E4FFFF

 005C39

 004423

 002D0E

 001600

 000000

 74C69B

 74C69B

 60C691

 88C6A5

 4CC686


 9CC6B0

 39C67C

 AFC6BA

 25C671

 C3C6C5

 11C667

 D7C6CF

 00C65E

 EBC6D9

 FFC6E4

 FFC6EE

 FFC6F8

# Harmonies

## Analogous

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



9EC07F



74C69B



48C8BE

# Triad

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



74C69B



94B6F9



F5A08D

# Complementary

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



74C69B



C6749F

# 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.



F89BAD



74C69B



C6A9EB

# Square

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



74C69B



5CC0F4



E99FD0



E2AB76

# Rectangle

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



74C69B



33C7D5



E99FD0



F89E97

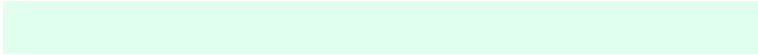


# Sweetspot

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



74C69B



E0FFE0



A0C674



6E8076



000000



808080



# Same Dimension

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



74C69B



80FFBC



74C6C3



5A635E



00A34E



002411



# Inverse Universe

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



C6749F



FF80C2



C67477



635A5F



A30056



240013



# Previews

## White Background



This preview shows how the Hex color 74C69B 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 74C69B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

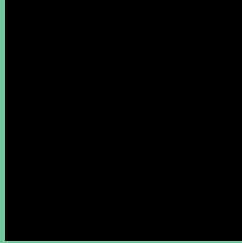
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 74C69B Background



This preview shows how black text looks on a background with the Hex color 74C69B.

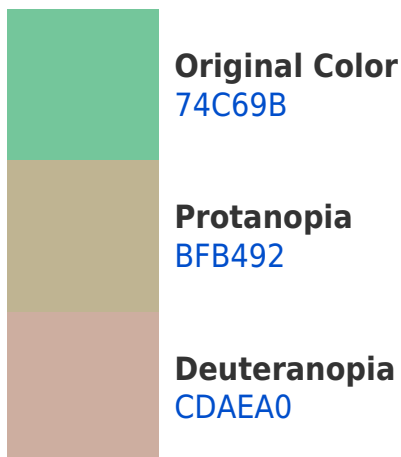


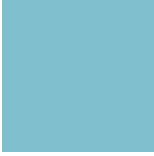
This preview shows how white text looks on a background with the Hex color 74C69B.

# 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**  
80BFCE

# Trichromacy



**Original Color**  
74C69B



**Protanomaly**  
A4BB95



**Deuteranomaly**  
ADB79E



**Tritanomaly**  
7CC2BB

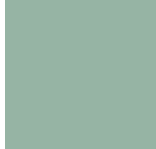
# Monochromacy



**Original Color**  
74C69B



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
96B4A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74C69B 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 #74C69B looks like.

```
.text, #text, p{  
    color:#74C69B  
}
```

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 #74C69B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74C69B
}
```

## Border

The CSS property to change the border of an element to Hex 74C69B 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
#74C69B }
```

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

```
.border{ border-color:#74C69B }
```

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

Here you see how a box with a 4 pixel #74C69B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74C69B; -webkit-box-shadow:4px 4px  
4px 4px #74C69B; box-shadow:4px 4px 4px  
4px #74C69B }
```

# Background

The CSS property to change the background color of an element to Hex 74C69B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74C69B }
```

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

```
.background{ background-color:#74C69B }
```

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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