

# Converting Colors

Hex(74C6A9)

Have a look what the booklet for  
Hex(74C6A9) contains.

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# **Color**

**Hex(74C6A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74C6A9
RGB	116, 198, 169
RGB Percent	45%, 78%, 66%
CMY	0.5451, 0.2235, 0.3373
CMYK	0.41, 0.00, 0.15, 0.22
HSL	159°, 42%, 62%
HSV	159°, 41%, 78%
XYZ	34.5580, 46.9657, 44.7800
YIQ	170.1760, -39.5630, -26.4030

# Conversions

## Conversions Part 2

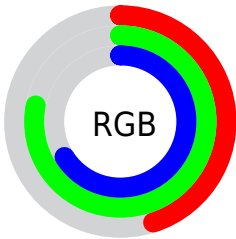
Format	Color
<a href="#">RYB</a>	<a href="#">116, 166, 198</a>
Decimal	<a href="#">7653033</a>
CIELab	<a href="#">74.17, -31.79, 6.73</a>
CIELCh	<a href="#">74, 32.492, 168.046</a>
Yxy	<a href="#">46.9657, 0.2736, 0.3718</a>
Android (android.graphics.Color)	<a href="#">4285843113 (0xFF74C6A9)</a>
YUV	<a href="#">170.1760, -0.5798, -47.5124</a>
Hunter-Lab	<a href="#">68.5316, -29.9192, 9.2307</a>

# Details

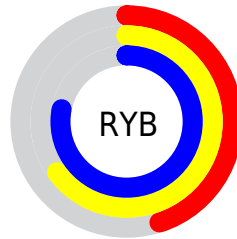
The Hex color **74C6A9** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C67491**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **ABFFE0**, and **3D9075** is the 20% darker color. If you saturate the color by 10%, you get **60C6A2**, and if you desaturate by 10%, it is **88C6B0**.

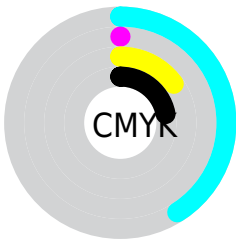
# Distribution



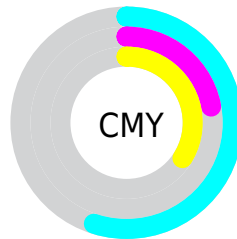
- Red (45%)
- Green (78%)
- Blue (66%)



- Red (45%)
- Yellow (65%)
- Blue (78%)



- Cyan (41%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)



- Cyan (55%)
- Magenta (22%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74C6A9 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 74C6A9 by changing the saturation by 10% instead.



 74C6A9

 74C6A9

FFFFFF

 59AA8F

 ABFFE0

 3D9075

 C8FFFD

 1F765C

 E5FFFF

 005D45

 00442F

 002D1A

 001700

 000000

 74C6A9

 74C6A9

 60C6A2

 88C6B0

 4CC69B


 9CC6B7

 39C694

 AFC6BE

 25C68D

 C3C6C5

 11C686

 D7C6CC

 00C680

 EBC6D3

 FFC6DA

 FFC6E1

 FFC6E8

# Harmonies

## Analogous

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



97C28E



74C6A9



58C7C8

# Triad

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



74C6A9



AAB3EF



EBA78B

# Complementary

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



74C6A9



C67491

# 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.



F2A1A5



74C6A9



D0A8DF

# Square

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



74C6A9



7DBDF0



EAA1C4



D6B07C

# Rectangle

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



74C6A9



55C5DA



EAA1C4



EFA493



# Sweetspot

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



74C6A9



E0FFF4



92C674



6E8079



000000



808080



# Same Dimension

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



74C6A9



80FFD2



74BBC6



5A6360



00A369



002417



# Inverse Universe

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



C67491



FF80AD



C67F74



635A5D



A3003A

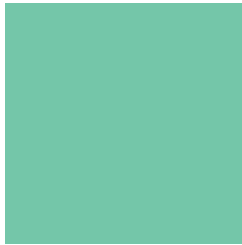


24000D



# Previews

## White Background



This preview shows how the Hex color 74C6A9 looks on a white background.

## Color Contrast Check

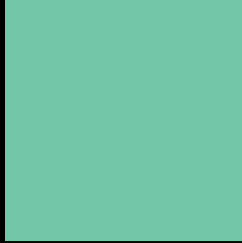
Large Text (above 18pt) WCAG AA × Fail

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 74C6A9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

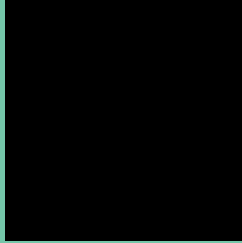
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

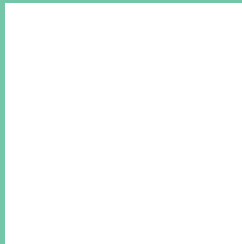
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 74C6A9 Background



This preview shows how black text looks on a background with the Hex color 74C6A9.

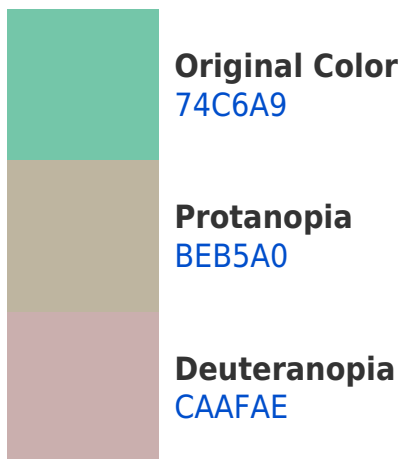


This preview shows how white text looks on a background with the Hex color 74C6A9.

# Color Blindness Simulation

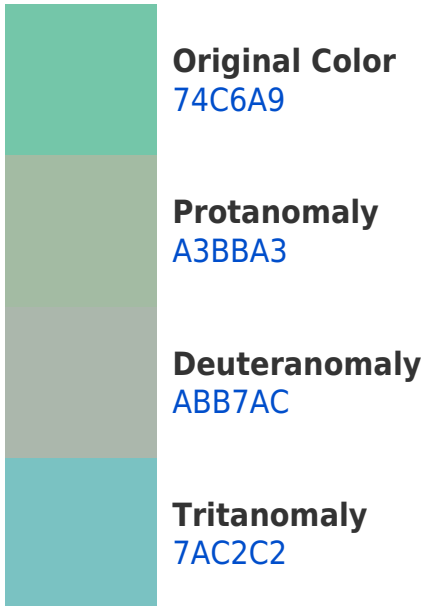
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

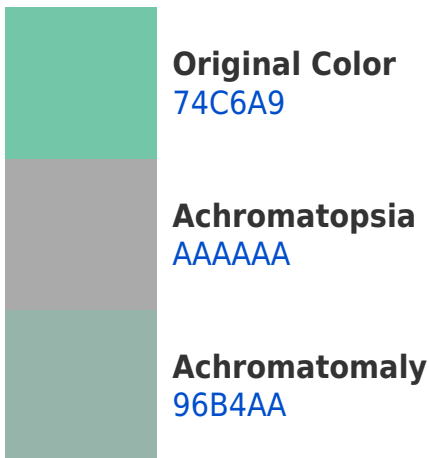




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74C6A9 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 #74C6A9 looks like.

```
.text, #text, p{  
    color:#74C6A9  
}
```

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 #74C6A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74C6A9
}
```

## Border

The CSS property to change the border of an element to Hex 74C6A9 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
#74C6A9 }
```

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

```
.border{ border-color:#74C6A9 }
```

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

Here you see how a box with a 4 pixel #74C6A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74C6A9; -webkit-box-shadow:4px 4px  
4px 4px #74C6A9; box-shadow:4px 4px 4px  
4px #74C6A9 }
```

# Background

The CSS property to change the background color of an element to Hex 74C6A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74C6A9 }
```

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

```
.background{ background-color:#74C6A9 }
```

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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