

# Converting Colors

Hex(6CA49D)

Have a look what the booklet for  
Hex(6CA49D) contains.

<b>Hex(6CA49D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6CA49D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CA49D
RGB	108, 164, 157
RGB Percent	42%, 64%, 62%
CMY	0.5765, 0.3569, 0.3843
CMYK	0.34, 0.00, 0.04, 0.36
HSL	172°, 24%, 53%
HSV	172°, 34%, 64%
XYZ	25.5456, 32.1734, 36.7620
YIQ	146.4580, -31.1290, -14.0490

# Conversions

## Conversions Part 2

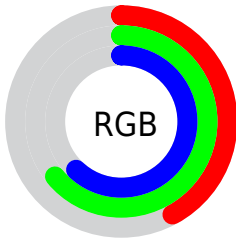
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 138, 164
Decimal	7120029
CIELab	63.49, -19.94, -2.22
CIElCh	63, 20.062, 186.355
Yxy	32.1734, 0.2704, 0.3405
Android (android.graphics.Color)	4285310109 (0xFF6CA49D)
YUV	146.4580, 5.1972, -33.7277
Hunter-Lab	56.7216, -18.8720, 1.2785

# Details

The Hex color **6CA49D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A46C73**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A1DBD3**, and **39706A** is the 20% darker color. If you saturate the color by 10%, you get **5CA49B**, and if you desaturate by 10%, it is **7CA49F**.

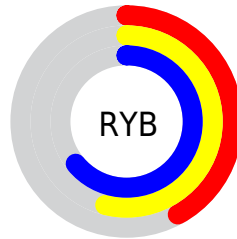
# Distribution



Red (42%)

Green (64%)

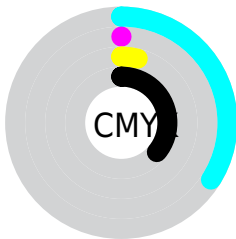
Blue (62%)



Red (42%)

Yellow (54%)

Blue (64%)

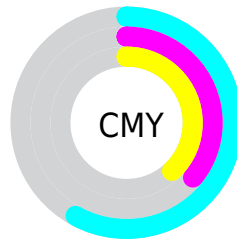


Cyan (34%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (58%)

Magenta (36%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CA49D 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 6CA49D by changing the saturation by 10% instead.





6CA49D



6CA49D

FFFFFF



528A83



A1DBD3



39706A



BDF8F0



1E5752



D9FFFF



00403B



F6FFFF



002925



001510



000000



6CA49D



6CA49D



5CA49B



7CA49F

 4BA499

 8DA4A1

 3BA497

 9DA4A3

 2AA495

 AEA4A5

 1AA493

 BEA4A7

 0AA491

 CEA4A9

 00A490

 DFA4AB

 EFA4AD

 FFA4AF

# Harmonies

## Analogous

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



7BA38B



6CA49D



68A3AE

# Triad

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



6CA49D



A294B6



B4947A

# Complementary

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



6CA49D



A46C73

# 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.



BD8F85



6CA49D



B48FA8

# Square

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



6CA49D



8A9ABD



BE8D96



A39A76

# Rectangle

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



6CA49D



6EA1B7



BE8D96



B8927D



# Sweetspot

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



6CA49D



C1D6D4



73A46C



5E6B69



EBEBEB



6B6B6B



# Same Dimension

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



6CA49D



7ED6CB



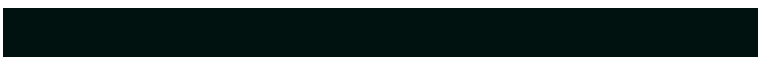
6C8FA4



495251



00917F



001210



# Inverse Universe

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



A46C73



D67E89



A4816C



52494A



910012



120002



# Previews

## White Background



This preview shows how the Hex color 6CA49D looks on a white background.

## Color Contrast Check

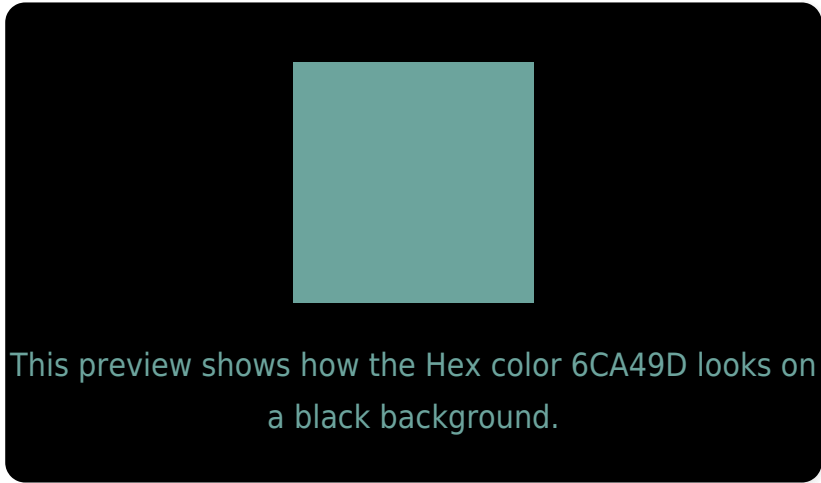
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

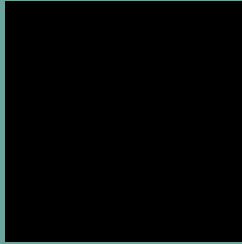
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6CA49D Background



This preview shows how black text looks on a background with the Hex color 6CA49D.

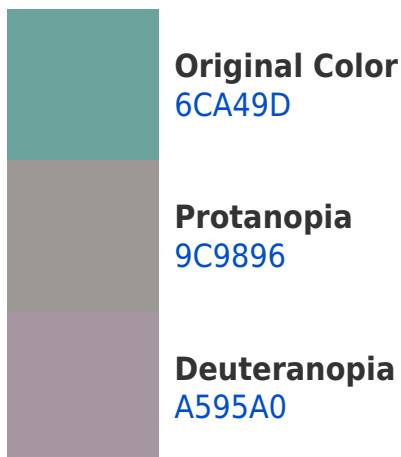


This preview shows how white text looks on a background with the Hex color 6CA49D.

# 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](#).

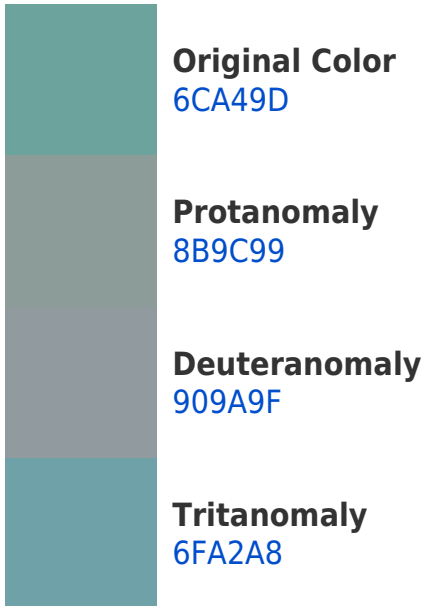
## Dichromacy



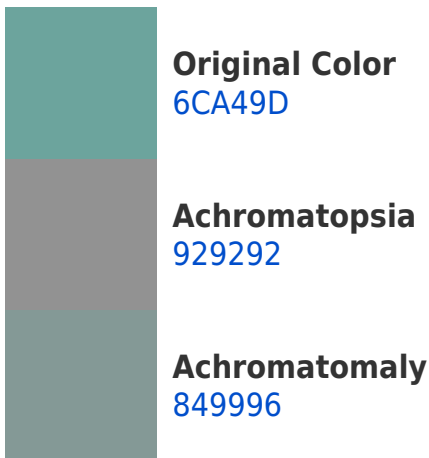


**Tritanopia**  
70A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CA49D 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 #6CA49D looks like.

```
.text, #text, p{  
    color:#6CA49D  
}
```

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 #6CA49D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CA49D
}
```

## Border

The CSS property to change the border of an element to Hex 6CA49D 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
#6CA49D }
```

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

```
.border{ border-color:#6CA49D }
```

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

Here you see how a box with a 4 pixel #6CA49D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CA49D; -webkit-box-shadow:4px 4px  
4px 4px #6CA49D; box-shadow:4px 4px 4px  
4px #6CA49D }
```

# Background

The CSS property to change the background color of an element to Hex 6CA49D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CA49D }
```

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

```
.background{ background-color:#6CA49D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor