

# Converting Colors

Hex(6A9DAA)

Have a look what the booklet for  
Hex(6A9DAA) contains.

<b>Hex(6A9DAA)</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(6A9DAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A9DAA
RGB	106, 157, 170
RGB Percent	42%, 62%, 67%
CMY	0.5843, 0.3843, 0.3333
CMYK	0.38, 0.08, 0.00, 0.33
HSL	192°, 27%, 54%
HSV	192°, 38%, 67%
XYZ	25.2565, 30.0804, 42.5051
YIQ	143.2330, -34.5690, -6.7690

# Conversions

## Conversions Part 2

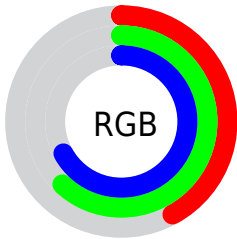
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 134, 170
Decimal	6987178
CIELab	61.72, -13.56, -12.16
CIElCh	62, 18.219, 221.884
Yxy	30.0804, 0.2581, 0.3074
Android (android.graphics.Color)	4285177258 (0xFF6A9DAA)
YUV	143.2330, 13.1961, -32.6533
Hunter-Lab	54.8456, -13.7801, -7.5576

# Details

The Hex color **6A9DAA** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AA776A**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **A0D4E1**, and **366A76** is the 20% darker color. If you saturate the color by 10%, you get **599AAA**, and if you desaturate by 10%, it is **7BA0AA**.

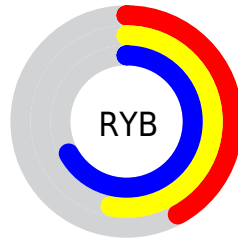
# Distribution



Red (42%)

Green (62%)

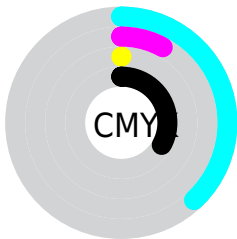
Blue (67%)



Red (42%)

Yellow (53%)

Blue (67%)

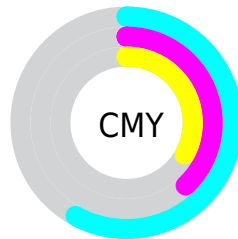


Cyan (38%)

Magenta (8%)

Yellow (0%)

Black (33%)



Cyan (58%)

Magenta (38%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A9DAA 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 6A9DAA by changing the saturation by 10% instead.





6A9DAA



6A9DAA

FFFFFF



508390



A0D4E1



366A76



BBF0FE



1A515D



D8FFFF



003A46



F5FFFF



00242F



000D1B



000000



6A9DAA



6A9DAA



599AAA



7BA0AA

4896AA

8CA4AA

3793AA

9DA7AA

268FAA

AEABAA

158CAA

BFAEAA

0488AA

D0B2AA

0087AA

E1B5AA

F2B9AA

FFBCAA

# Harmonies

## Analogous

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



6B9E9B



6A9DAA



7699B3

# Triad

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



6A9DAA



AF8BA0



9B9676

# Complementary

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



6A9DAA



AA776A

# 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.



AA9177



6A9DAA



B68A8F

# Square

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



6A9DAA



A08FAD



B48C80



899B7D

# Rectangle

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



6A9DAA



8496B5



B48C80



A09475



# Sweetspot

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



6A9DAA



C5D9DE



6AAA77



626D70



F0F0F0



707070



# Same Dimension

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



6A9DAA



7ACADE



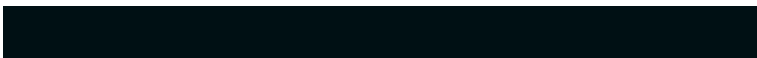
6A7DAA



4C5254



007694



001014



# Inverse Universe

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



AA6A9D



DE7ACA



AA976A



544C52



940076



140010



# Previews

## White Background



This preview shows how the Hex color 6A9DAA looks on a white background.

## Color Contrast Check

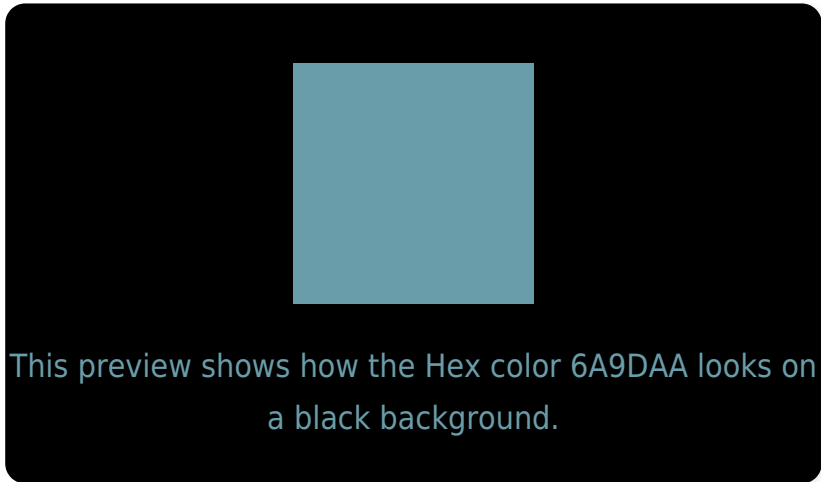
Large Text (above 18pt) WCAG AA × Fail

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

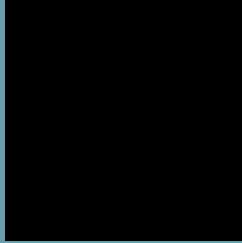
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6A9DAA Background



This preview shows how black text looks on a background with the Hex color 6A9DAA.

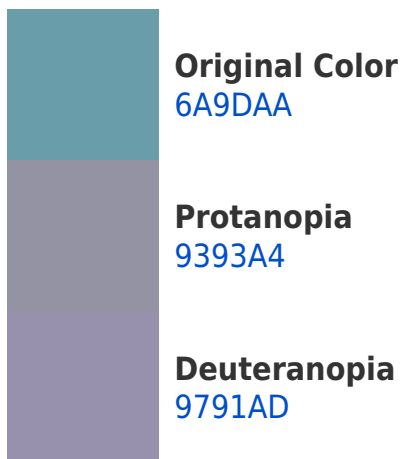


This preview shows how white text looks on a background with the Hex color 6A9DAA.

# 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](#).

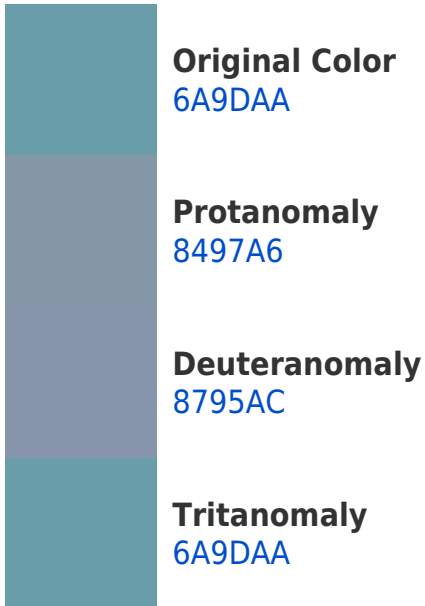
## Dichromacy



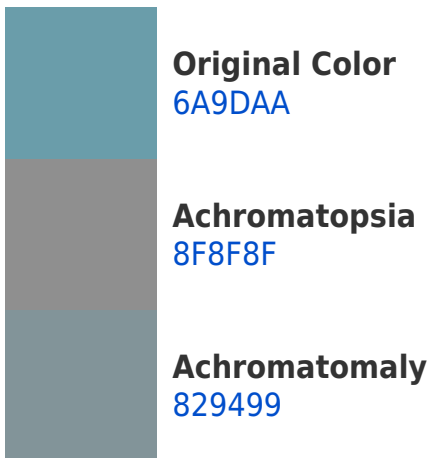


**Tritanopia**  
6A9DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A9DAA 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 #6A9DAA looks like.

```
.text, #text, p{  
    color:#6A9DAA  
}
```

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 #6A9DAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9DAA
}
```

## Border

The CSS property to change the border of an element to Hex 6A9DAA 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
#6A9DAA }
```

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

```
.border{ border-color:#6A9DAA }
```

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

Here you see how a box with a 4 pixel #6A9DAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9DAA; -webkit-box-shadow:4px 4px  
4px 4px #6A9DAA; box-shadow:4px 4px 4px  
4px #6A9DAA }
```

# Background

The CSS property to change the background color of an element to Hex 6A9DAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9DAA }
```

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

```
.background{ background-color:#6A9DAA }
```

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