

# Converting Colors

Hex(69A7AD)

Have a look what the booklet for  
Hex(69A7AD) contains.

<b>Hex(69A7AD)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(69A7AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69A7AD
RGB	105, 167, 173
RGB Percent	41%, 65%, 68%
CMY	0.5882, 0.3451, 0.3216
CMYK	0.39, 0.03, 0.00, 0.32
HSL	185°, 29%, 55%
HSV	185°, 39%, 68%
XYZ	27.1872, 33.6578, 44.5989
YIQ	149.1460, -38.8780, -11.2780

# Conversions

## Conversions Part 2

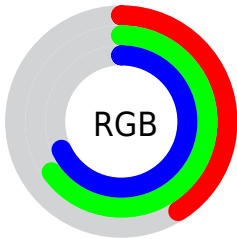
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">105, 137, 173</a>
Decimal	<a href="#">6924205</a>
CIELab	<a href="#">64.69, -18.36, -9.41</a>
CIELCh	<a href="#">65, 20.631, 207.138</a>
Yxy	<a href="#">33.6578, 0.2578, 0.3192</a>
Android (android.graphics.Color)	<a href="#">4285114285 (0xFF69A7AD)</a>
YUV	<a href="#">149.1460, 11.7600, -38.7160</a>
Hunter-Lab	<a href="#">58.0154, -17.8780, -4.9680</a>

# Details

The Hex color **69A7AD** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AD6F69**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9FDEE4**, and **347379** is the 20% darker color. If you saturate the color by 10%, you get **58A5AD**, and if you desaturate by 10%, it is **7AA9AD**.

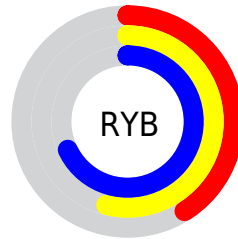
# Distribution



Red (41%)

Green (65%)

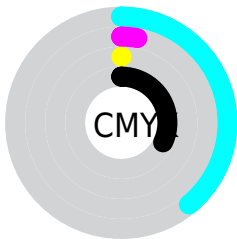
Blue (68%)



Red (41%)

Yellow (54%)

Blue (68%)

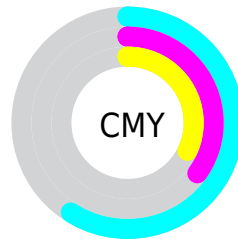


Cyan (39%)

Magenta (3%)

Yellow (0%)

Black (32%)



Cyan (59%)

Magenta (35%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69A7AD 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 69A7AD by changing the saturation by 10% instead.



 69A7AD

 69A7AD

FFFFFF

 4E8D92

 9FDEE4

 347379

 BBFBFF

 155A60

 D8FFFF

 004248

 F5FFFF

 002C32

 00191D

 000001

 000000

 69A7AD

 69A7AD

■ 58A5AD

■ 7AA9AD

■ 46A4AD

■ 8CAAAD

■ 35A2AD

■ 9DACAD

■ 24A1AD

■ AEADAD

■ 129FAD

■ C0AFAD

■ 019EAD

■ D1B0AD

■ 009EAD

■ E2B2AD

■ F3B3AD

■ FFB5AD

# Harmonies

## Analogous

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



72A79A



69A7AD



70A4BB

# Triad

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



69A7AD



B393B1



AD9B78

# Complementary

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



69A7AD



AD6F69

# 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.



BC957F



69A7AD



C0909F

# Square

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



69A7AD



9E99BE



C3918D



99A17C

# Rectangle

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



69A7AD



7DA1C0



C3918D



B29979



# Sweetspot

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



69A7AD



C5DEE0



69AD6F



606F70



F0F0F0



707070



# Same Dimension

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



69A7AD



77D7E0



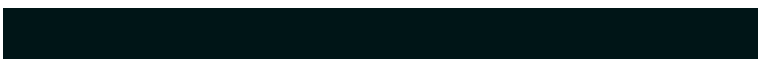
6985AD



4E5657



008996



001517



# Inverse Universe

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



AD69A7



E077D7



AD9169



574E56



960089

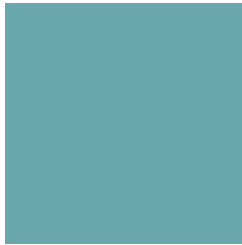


170015



# Previews

## White Background



This preview shows how the Hex color 69A7AD looks on a white background.

## Color Contrast Check

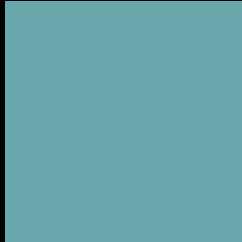
Large Text (above 18pt) WCAG AA × Fail

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 69A7AD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

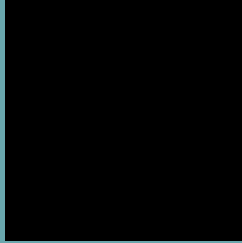
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 69A7AD Background



This preview shows how black text looks on a background with the Hex color 69A7AD.

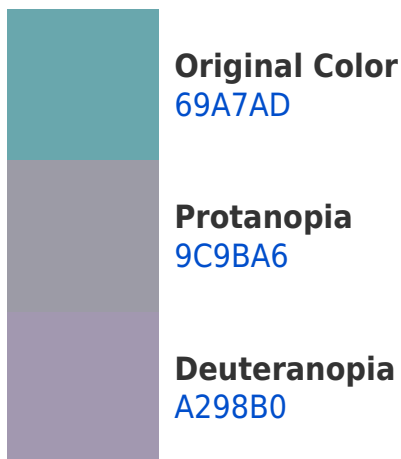


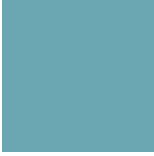
This preview shows how white text looks on a background with the Hex color 69A7AD.

# 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](#).

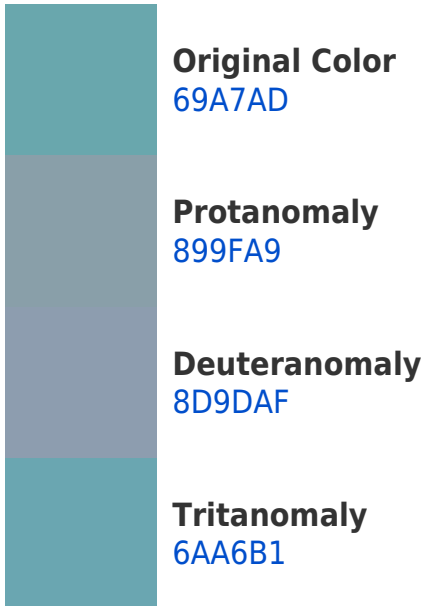
## Dichromacy



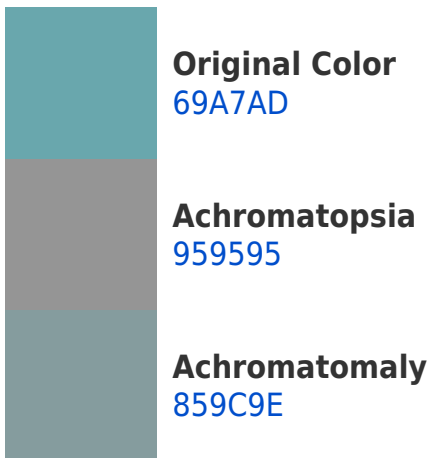


**Tritanopia**  
6BA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69A7AD 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 #69A7AD looks like.

```
.text, #text, p{  
    color:#69A7AD  
}
```

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 #69A7AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69A7AD
}
```

## Border

The CSS property to change the border of an element to Hex 69A7AD 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
#69A7AD }
```

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

```
.border{ border-color:#69A7AD }
```

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

Here you see how a box with a 4 pixel #69A7AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69A7AD; -webkit-box-shadow:4px 4px  
4px 4px #69A7AD; box-shadow:4px 4px 4px  
4px #69A7AD }
```

# Background

The CSS property to change the background color of an element to Hex 69A7AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69A7AD }
```

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

```
.background{ background-color:#69A7AD }
```

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