

# Converting Colors

Hex(71A9A8)

Have a look what the booklet for  
Hex(71A9A8) contains.

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**Color**

**Hex(71A9A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71A9A8
RGB	113, 169, 168
RGB Percent	44%, 66%, 66%
CMY	0.5569, 0.3373, 0.3412
CMYK	0.33, 0.00, 0.01, 0.34
HSL	179°, 25%, 55%
HSV	179°, 33%, 66%
XYZ	28.0659, 34.7138, 42.2670
YIQ	152.1420, -33.0550, -12.1830

# Conversions

## Conversions Part 2

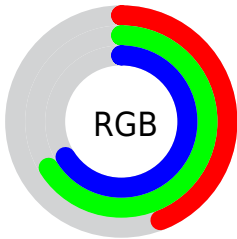
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 141, 169
Decimal	7449000
CIELab	65.53, -18.45, -5.34
CIELCh	66, 19.204, 196.130
Yxy	34.7138, 0.2672, 0.3305
Android (android.graphics.Color)	4285639080 (0xFF71A9A8)
YUV	152.1420, 7.8180, -34.3275
Hunter-Lab	58.9184, -18.0784, -1.2907

# Details

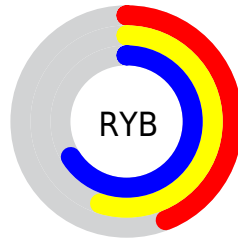
The Hex color **71A9A8** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A97172**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A7E0DF**, and **3D7574** is the 20% darker color. If you saturate the color by 10%, you get **60A9A8**, and if you desaturate by 10%, it is **82A9A8**.

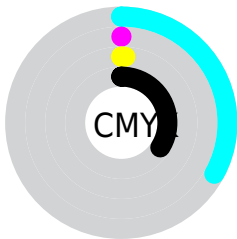
# Distribution



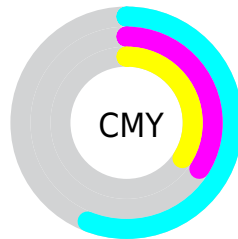
- Red (44%)
- Green (66%)
- Blue (66%)



- Red (44%)
- Yellow (55%)
- Blue (66%)



- Cyan (33%)
- Magenta (0%)
- Yellow (1%)
- Black (34%)



- Cyan (56%)
- Magenta (34%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71A9A8 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 71A9A8 by changing the saturation by 10% instead.





71A9A8



71A9A8

FFFFFF



578E8E



A7E0DF



3D7574



C3FDFC



235C5C



DFFFFF



024444



FCFDFF



002E2E



001A19



000000



71A9A8



71A9A8



60A9A8



82A9A8

 4FA9A7

 93A9A9

 3EA9A7

 A4A9A9

 2DA9A7

 B5A9A9

 1CA9A6

 C5A9AA

 0CA9A6

 D6A9AA

 00A9A6

 E7A9AA

 F8A9AA

 FFA9AB

# Harmonies

## Analogous

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



7DA896



71A9A8



72A7B7

# Triad

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



71A9A8



AD98B7



B49B7E

# Complementary

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



71A9A8



A97172

# 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.



BF9687



71A9A8



BD94A8

# Square

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



71A9A8



989DC0



C39396



A3A17E

# Rectangle

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



71A9A8



7BA5BE



C39396



B89980



# Sweetspot

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



71A9A8



C5DBDB



73A971



606E6D



EDEDED



6E6E6E



# Same Dimension

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



71A9A8



84DBDA



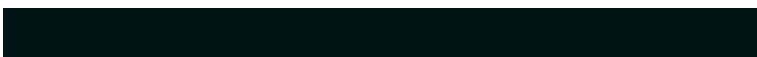
718FA9



4C5454



009491



001414



# Inverse Universe

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



A97172



DB8485



A98B71



544C4C



940003

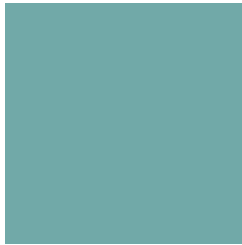


140000



# Previews

## White Background



This preview shows how the Hex color 71A9A8 looks on a white background.

## Color Contrast Check

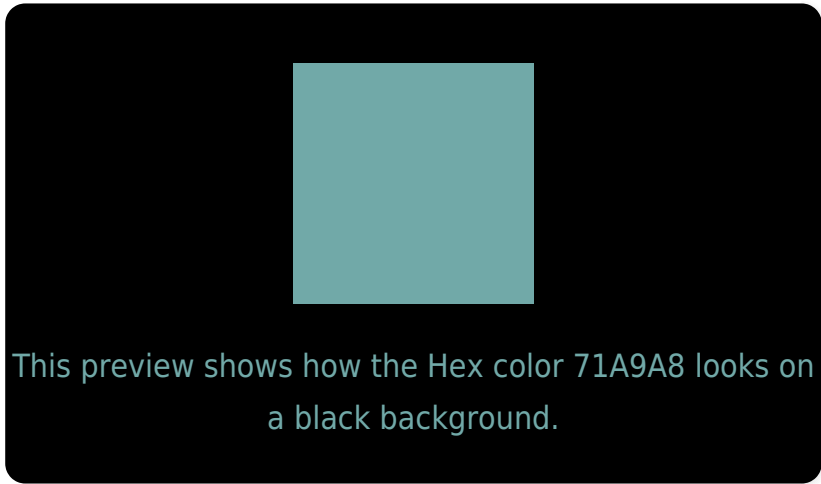
Large Text (above 18pt) WCAG AA × Fail

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

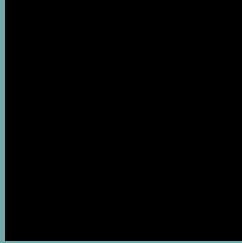
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 71A9A8 Background



This preview shows how black text looks on a background with the Hex color 71A9A8.

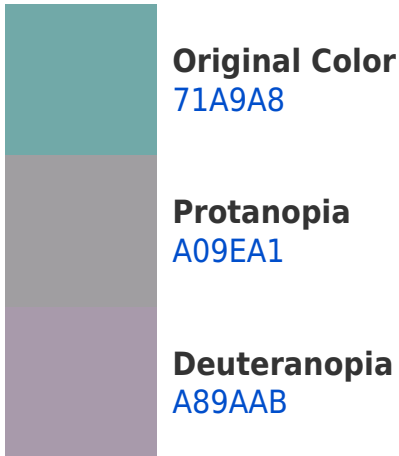


This preview shows how white text looks on a background with the Hex color 71A9A8.

# 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](#).

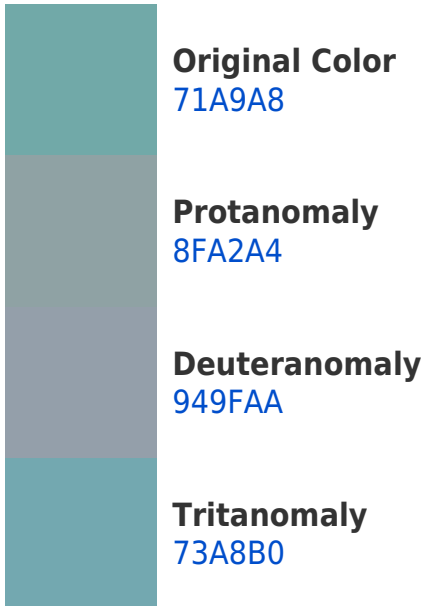
## Dichromacy



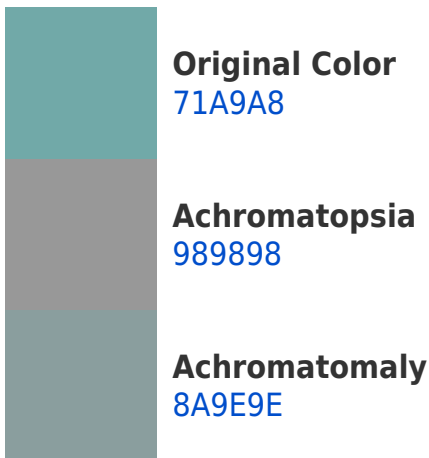


**Tritanopia**  
74A7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71A9A8 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 #71A9A8 looks like.

```
.text, #text, p{  
    color:#71A9A8  
}
```

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 #71A9A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A9A8  
}
```

## Border

The CSS property to change the border of an element to Hex 71A9A8 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  
#71A9A8 }
```

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

```
.border{ border-color:#71A9A8 }
```

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

Here you see how a box with a 4 pixel #71A9A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A9A8; -webkit-box-shadow:4px 4px  
4px 4px #71A9A8; box-shadow:4px 4px 4px  
4px #71A9A8 }
```

# Background

The CSS property to change the background color of an element to Hex 71A9A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A9A8 }
```

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

```
.background{ background-color:#71A9A8 }
```

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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