

# Converting Colors

Hex(7DAB8A)

Have a look what the booklet for  
Hex(7DAB8A) contains.

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# **Color**

**Hex(7DAB8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DAB8A
RGB	125, 171, 138
RGB Percent	49%, 67%, 54%
CMY	0.5098, 0.3294, 0.4588
CMYK	0.27, 0.00, 0.19, 0.33
HSL	137°, 21%, 58%
HSV	137°, 27%, 67%
XYZ	27.6078, 35.3208, 29.4073
YIQ	153.4840, -16.8230, -20.0150

# Conversions

## Conversions Part 2

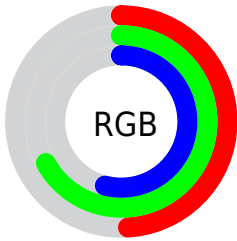
Format	Color
<a href="#">RYB</a>	<a href="#">125, 161, 171</a>
Decimal	<a href="#">8235914</a>
CIELab	<a href="#">66.00, -22.31, 12.10</a>
CIElCh	<a href="#">66, 25.375, 151.530</a>
Yxy	<a href="#">35.3208, 0.2990, 0.3825</a>
Android (android.graphics.Color)	<a href="#">4286425994 (0xFF7DAB8A)</a>
YUV	<a href="#">153.4840, -7.6336, -24.9805</a>
Hunter-Lab	<a href="#">59.4313, -21.0856, 12.2645</a>

# Details

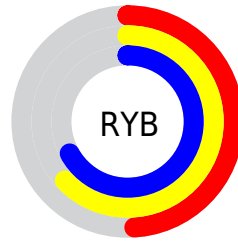
The Hex color **7DAB8A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AB7D9E**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B3E3BF**, and **4B7758** is the 20% darker color. If you saturate the color by 10%, you get **6CAB7E**, and if you desaturate by 10%, it is **8EAB96**.

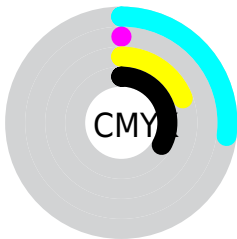
# Distribution



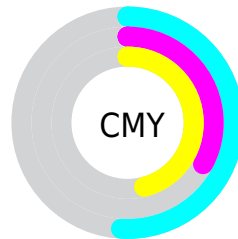
- Red (49%)
- Green (67%)
- Blue (54%)



- Red (49%)
- Yellow (63%)
- Blue (67%)



- Cyan (27%)
- Magenta (0%)
- Yellow (19%)
- Black (33%)



- Cyan (51%)
- Magenta (33%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DAB8A 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 7DAB8A by changing the saturation by 10% instead.



 7DAB8A

 7DAB8A

FFFFFF

 639071

 B3E3BF

 4B7758

 CEFFDB

 325E41

 EBFFF8

 1B462A

 012F16

 001C00

 000000

 7DAB8A

 7DAB8A

 6CAB7E

 8EAB96

 5BAB71

 9FABA3

 4AAB65

 B0ABAF

 39AB59

 C1ABBB

 27AB4D

 D2ABC7

 16AB40

 E4ABD4

 05AB34

 F5ABE0

 00AB30

 FFABEC

 FFABF8

# Harmonies

## Analogous

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



97A679



7DAB8A



66ADA1

# Triad

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



7DAB8A



86A2CD



CE928A

# Complementary

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



7DAB8A



AB7D9E

# 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.



CD90A0



7DAB8A



A59AC7

# Square

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



7DAB8A



68A9C8



BF93B6



C39879

# Rectangle

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



7DAB8A



5DADB0



BF93B6



CF9091



# Sweetspot

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



7DAB8A



CCDED1



9FAB7D



657068



F0F0F0



707070



# Same Dimension

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



7DAB8A



97DEAB



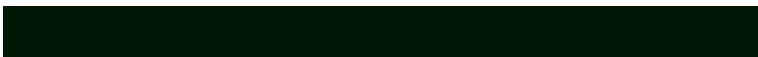
7DABA0



4E5750



00962B



001706



# Inverse Universe

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



AB7D9E



DE97CA



AB7D88



574E54



96006C



170010



# Previews

## White Background



This preview shows how the Hex color 7DAB8A looks on a white background.

## Color Contrast Check

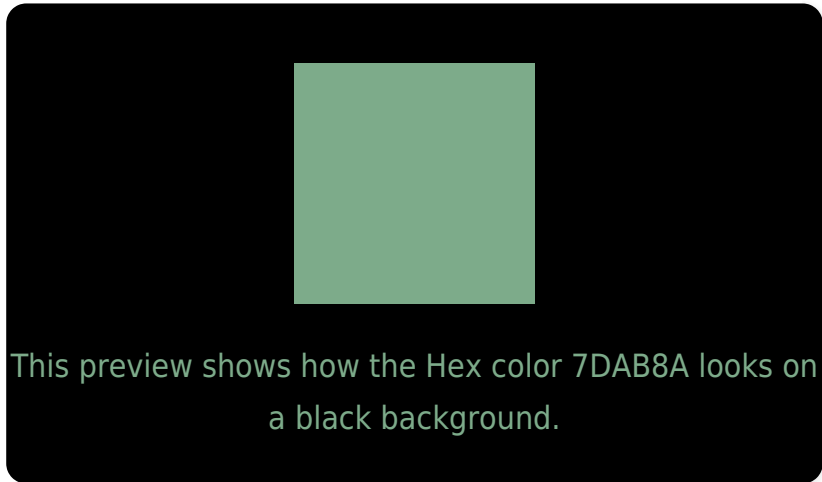
Large Text (above 18pt) WCAG AA × Fail

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

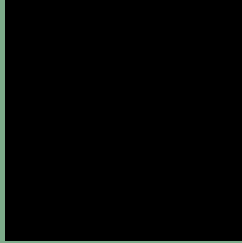
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7DAB8A Background



This preview shows how black text looks on a background with the Hex color 7DAB8A.



This preview shows how white text looks on a background with the Hex color 7DAB8A.

# 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](#).

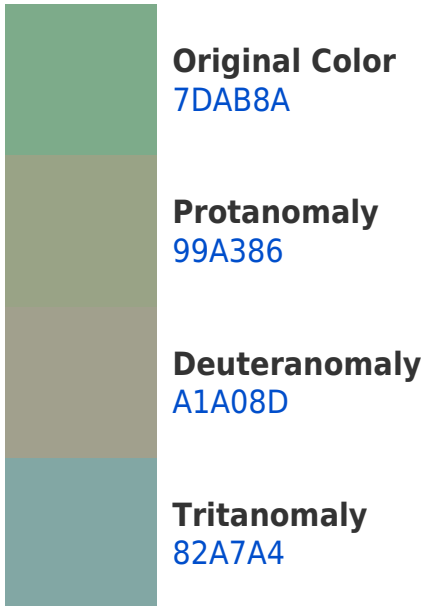
## Dichromacy



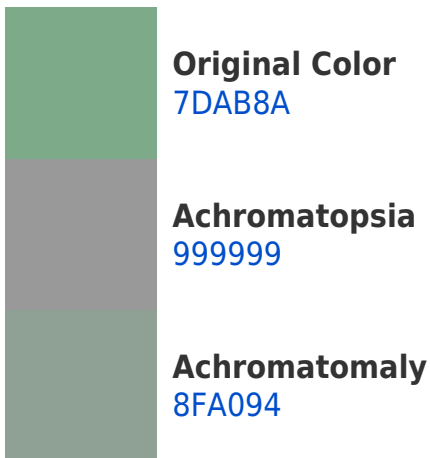


**Tritanopia**  
85A5B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DAB8A 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 #7DAB8A looks like.

```
.text, #text, p{  
    color:#7DAB8A  
}
```

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 #7DAB8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DAB8A
}
```

## Border

The CSS property to change the border of an element to Hex 7DAB8A 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
#7DAB8A }
```

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

```
.border{ border-color:#7DAB8A }
```

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

Here you see how a box with a 4 pixel #7DAB8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DAB8A; -webkit-box-shadow:4px 4px  
4px 4px #7DAB8A; box-shadow:4px 4px 4px  
4px #7DAB8A }
```

# Background

The CSS property to change the background color of an element to Hex 7DAB8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DAB8A }
```

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

```
.background{ background-color:#7DAB8A }
```

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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