

# Converting Colors

Hex(82AD9F)

Have a look what the booklet for  
Hex(82AD9F) contains.

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# **Color**

**Hex(82AD9F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82AD9F
RGB	130, 173, 159
RGB Percent	51%, 68%, 62%
CMY	0.4902, 0.3216, 0.3765
CMYK	0.25, 0.00, 0.08, 0.32
HSL	160°, 21%, 59%
HSV	160°, 25%, 68%
XYZ	30.4075, 37.1362, 38.3662
YIQ	158.5470, -21.1340, -13.4700

# Conversions

## Conversions Part 2

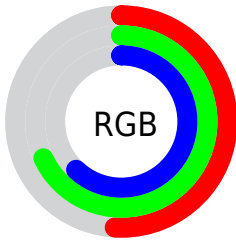
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">130, 156, 173</a>
Decimal	<a href="#">8564127</a>
CIELab	<a href="#">67.38, -17.43, 2.49</a>
CIELCh	<a href="#">67, 17.603, 171.853</a>
Yxy	<a href="#">37.1362, 0.2871, 0.3506</a>
Android (android.graphics.Color)	<a href="#">4286754207 (0xFF82AD9F)</a>
YUV	<a href="#">158.5470, 0.2233, -25.0357</a>
Hunter-Lab	<a href="#">60.9395, -17.5763, 5.3298</a>

# Details

The Hex color **82AD9F** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AD8290**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **B8E5D6**, and **4F796C** is the 20% darker color. If you saturate the color by 10%, you get **71AD99**, and if you desaturate by 10%, it is **93ADA5**.

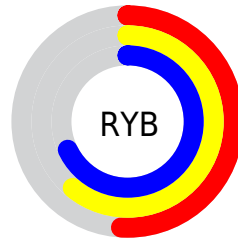
# Distribution



Red (51%)

Green (68%)

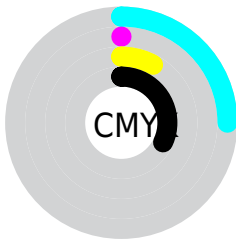
Blue (62%)



Red (51%)

Yellow (61%)

Blue (68%)

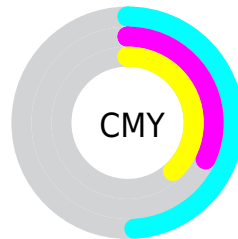


Cyan (25%)

Magenta (0%)

Yellow (8%)

Black (32%)



Cyan (49%)

Magenta (32%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82AD9F 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 82AD9F by changing the saturation by 10% instead.



 82AD9F

 82AD9F

FFFFFF

 689285

 B8E5D6

 4F796C

 D4FFF2

 376053

 F0FFFF

 20483C

 063127

 001D12

 000000

 82AD9F

 82AD9F

 71AD99

 93ADA5

 5FAD94

 A5ADAA

 4EAD8E

 B6ADB0

 3DAD88

 C7ADB6

 2BAD83

 D9ADBB

 1AAD7D

 EAADC1

 09AD78

 FBADC6

 00AD75

 FFADCC

 FFADD2

# Harmonies

## Analogous

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



92AB90



82AD9F



7AADA F

# Triad

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



82AD9F



A1A1C1



C19D8C

# Complementary

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



82AD9F



AD8290

# 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.



C59999



82AD9F



B59CB8

# Square

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



82AD9F



8DA7C3



C199A9



B5A185

# Rectangle

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



82AD9F



7BACB9



C199A9



C39B90



# Sweetspot

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



82AD9F



D1E0DB



90AD82



67706D



F0F0F0



707070



# Same Dimension

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



82AD9F



9DE0CA



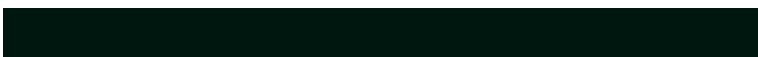
82A6AD



4E5754



009665



00170F



# Inverse Universe

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



AD8290



E09DB3



AD8982



574E51



960031



170007



# Previews

## White Background



This preview shows how the Hex color 82AD9F looks on a white background.

## Color Contrast Check

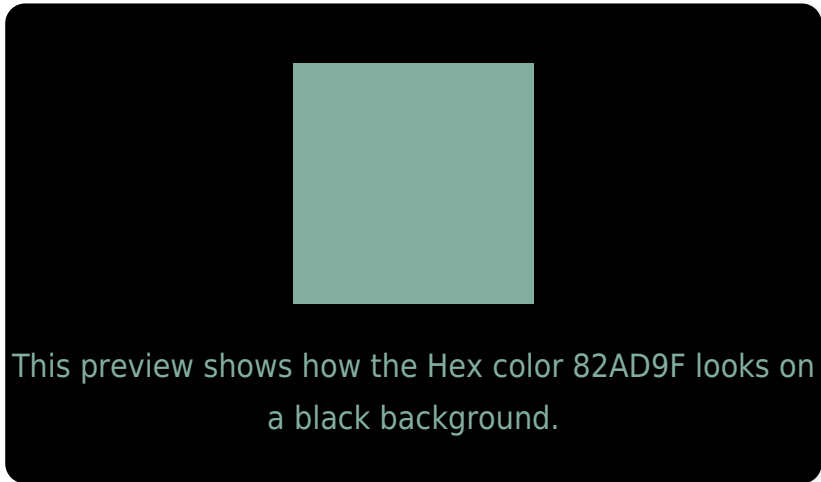
Large Text (above 18pt) WCAG AA × Fail

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

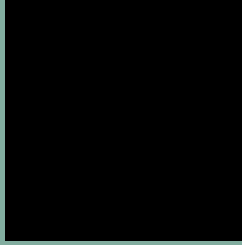
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82AD9F Background



This preview shows how black text looks on a background with the Hex color 82AD9F.

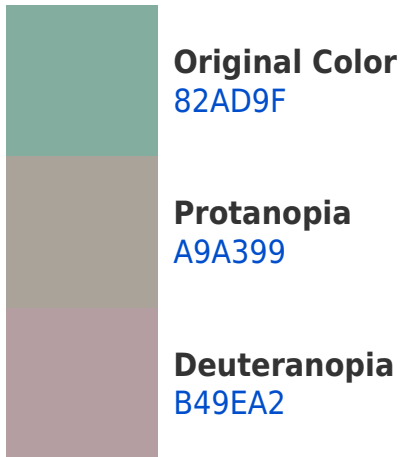


This preview shows how white text looks on a background with the Hex color 82AD9F.

# 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](#).

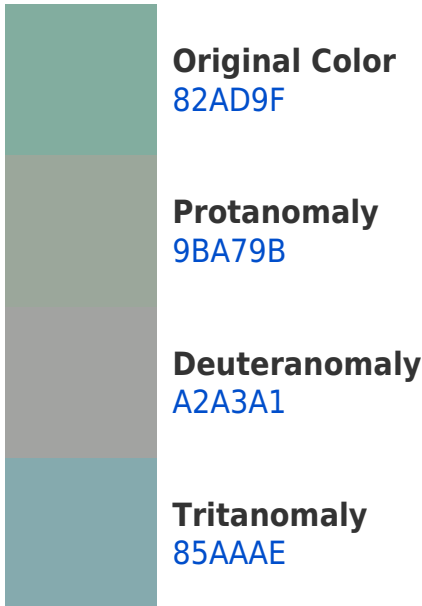
## Dichromacy



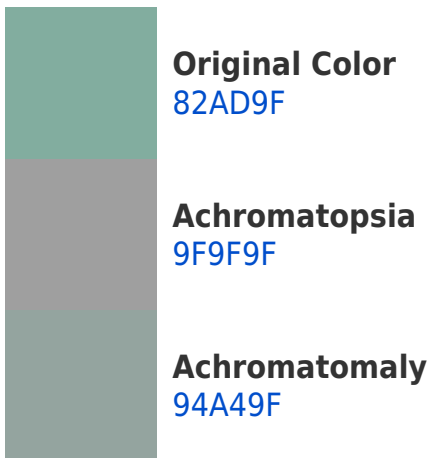


**Tritanopia**  
87A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82AD9F 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 #82AD9F looks like.

```
.text, #text, p{  
    color:#82AD9F  
}
```

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 #82AD9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82AD9F
}
```

## Border

The CSS property to change the border of an element to Hex 82AD9F 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
#82AD9F }
```

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

```
.border{ border-color:#82AD9F }
```

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

Here you see how a box with a 4 pixel #82AD9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82AD9F; -webkit-box-shadow:4px 4px  
4px 4px #82AD9F; box-shadow:4px 4px 4px  
4px #82AD9F }
```

# Background

The CSS property to change the background color of an element to Hex 82AD9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82AD9F }
```

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

```
.background{ background-color:#82AD9F }
```

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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