

# Converting Colors

Hex(80A5AD)

Have a look what the booklet for  
Hex(80A5AD) contains.

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# **Color**

**Hex(80A5AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80A5AD
RGB	128, 165, 173
RGB Percent	50%, 65%, 68%
CMY	0.4980, 0.3529, 0.3216
CMYK	0.26, 0.05, 0.00, 0.32
HSL	191°, 22%, 59%
HSV	191°, 26%, 68%
XYZ	29.9000, 34.5166, 44.6216
YIQ	154.8490, -24.6200, -5.3560

# Conversions

## Conversions Part 2

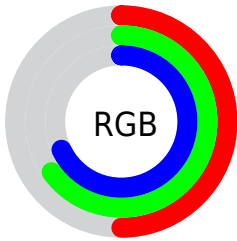
Format	Color
<a href="#">RYB</a>	<a href="#">128, 148, 173</a>
Decimal	<a href="#">8431021</a>
CIELab	<a href="#">65.37, -10.68, -8.26</a>
CIELCh	<a href="#">65, 13.504, 217.724</a>
Yxy	<a href="#">34.5166, 0.2742, 0.3166</a>
Android (android.graphics.Color)	<a href="#">4286621101</a> ( <a href="#">0xFF80A5AD</a> )
YUV	<a href="#">154.8490, 8.9484, -23.5466</a>
Hunter-Lab	<a href="#">58.7508, -11.9700, -3.9056</a>

# Details

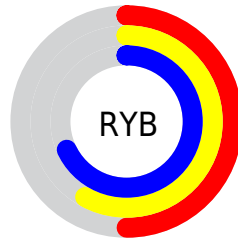
The Hex color **80A5AD** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AD8880**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B6DCE4**, and **4D7179** is the 20% darker color. If you saturate the color by 10%, you get **6FA2AD**, and if you desaturate by 10%, it is **91A8AD**.

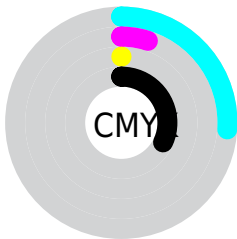
# Distribution



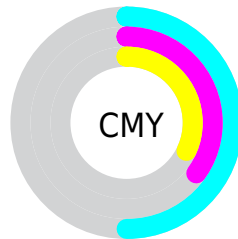
- Red (50%)
- Green (65%)
- Blue (68%)



- Red (50%)
- Yellow (58%)
- Blue (68%)



- Cyan (26%)
- Magenta (5%)
- Yellow (0%)
- Black (32%)



- Cyan (50%)
- Magenta (35%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80A5AD 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 80A5AD by changing the saturation by 10% instead.



■ 80A5AD

■ 80A5AD

FFFFFF

■ 668B92

■ B6DCE4

■ 4D7179

■ D2F9FF

■ 355960

■ EEEFFF

■ 1D4148

■ 022B32

■ 00171D

■ 000001

■ 000000

■ 80A5AD

■ 80A5AD

6FA2AD

91A8AD

5D9FAD

A3ABAD

4C9CAD

B4AEAD

3B99AD

C5B1AD

2996AD

D7B4AD

1893AD

E8B7AD

078FAD

F9BBAD

008EAD

FFBEAD

FFC1AD

# Harmonies

## Analogous

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



81A6A1



80A5AD



88A2B5

# Triad

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



80A5AD



B198A8



A59F87

# Complementary

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



80A5AD



AD8880

# 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.



B19B89



80A5AD



B8969C

# Square

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



80A5AD



A59BB2



B89890



97A38B

# Rectangle

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



80A5AD



90A0B7



B89890



A99E87



# Sweetspot

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



80A5AD



CEDDE0



80AD88



656E70



F0F0F0



707070



# Same Dimension

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



80A5AD



9BD4E0



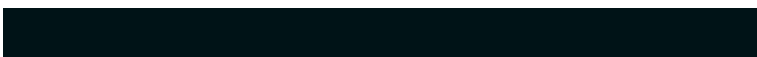
808FAD



4E5557



007C96



001317



# Inverse Universe

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



AD80A5



E09BD4



AD9E80



574E55



96007C



170013



# Previews

## White Background



This preview shows how the Hex color 80A5AD looks on a white background.

## Color Contrast Check

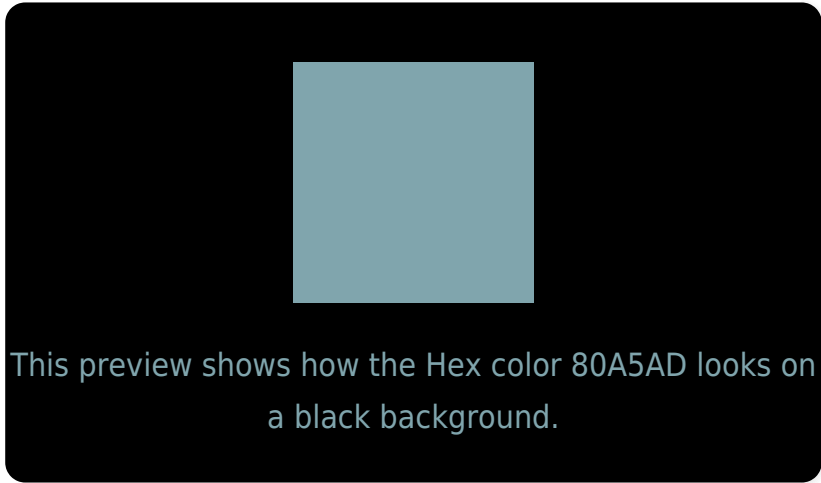
Large Text (above 18pt) WCAG AA × Fail

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

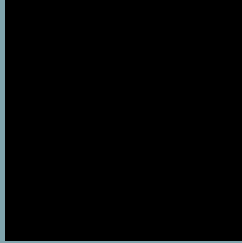
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

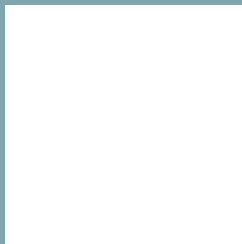
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 80A5AD Background



This preview shows how black text looks on a background with the Hex color 80A5AD.

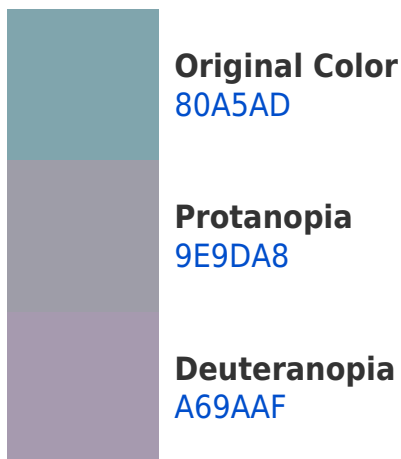


This preview shows how white text looks on a background with the Hex color 80A5AD.

# 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](#).

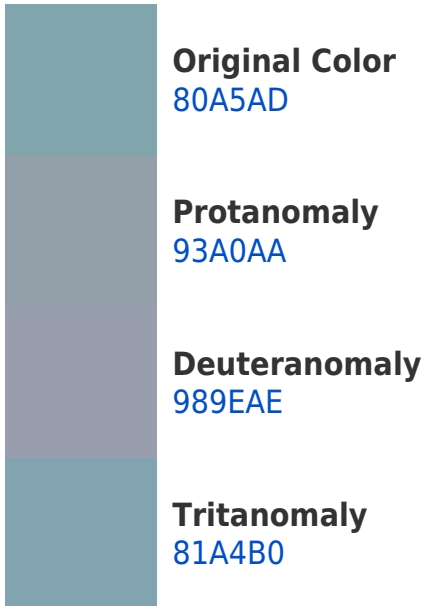
## Dichromacy



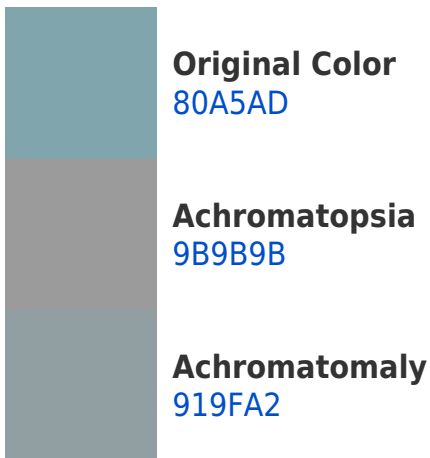


**Tritanopia**  
81A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80A5AD 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 #80A5AD looks like.

```
.text, #text, p{  
    color:#80A5AD  
}
```

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 #80A5AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A5AD
}
```

## Border

The CSS property to change the border of an element to Hex 80A5AD 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
#80A5AD }
```

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

```
.border{ border-color:#80A5AD }
```

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

Here you see how a box with a 4 pixel #80A5AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A5AD; -webkit-box-shadow:4px 4px  
4px 4px #80A5AD; box-shadow:4px 4px 4px  
4px #80A5AD }
```

# Background

The CSS property to change the background color of an element to Hex 80A5AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A5AD }
```

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

```
.background{ background-color:#80A5AD }
```

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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