

# Converting Colors

Hex(87A3AB)

Have a look what the booklet for  
Hex(87A3AB) contains.

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# **Color**

**Hex(87A3AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87A3AB
RGB	135, 163, 171
RGB Percent	53%, 64%, 67%
CMY	0.4706, 0.3608, 0.3294
CMYK	0.21, 0.05, 0.00, 0.33
HSL	193°, 18%, 60%
HSV	193°, 21%, 67%
XYZ	30.4396, 34.2856, 43.5415
YIQ	155.5400, -19.2560, -3.4480

# Conversions

## Conversions Part 2

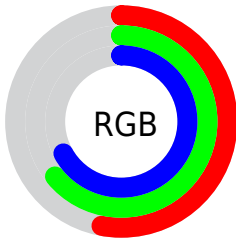
Format	Color
<a href="#">RYB</a>	<a href="#">135, 151, 171</a>
Decimal	<a href="#">8889259</a>
CIELab	<a href="#">65.19, -7.86, -7.37</a>
CIElCh	<a href="#">65, 10.776, 223.135</a>
Yxy	<a href="#">34.2856, 0.2812, 0.3167</a>
Android (android.graphics.Color)	<a href="#">4287079339</a> ( <a href="#">0xFF87A3AB</a> )
YUV	<a href="#">155.5400, 7.6218, -18.0136</a>
Hunter-Lab	<a href="#">58.5539, -9.6751, -3.1012</a>

# Details

The Hex color **87A3AB** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AB8F87**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **BDDAE2**, and **546F77** is the 20% darker color. If you saturate the color by 10%, you get **769FAB**, and if you desaturate by 10%, it is **98A7AB**.

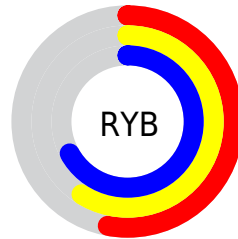
# Distribution



Red (53%)

Green (64%)

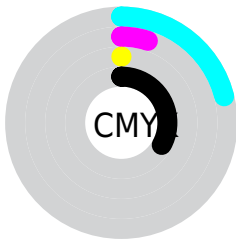
Blue (67%)



Red (53%)

Yellow (59%)

Blue (67%)

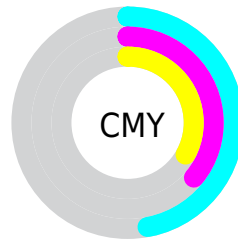


Cyan (21%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (36%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 87A3AB 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 87A3AB by changing the saturation by 10% instead.





87A3AB



87A3AB

FFFFFF



6D8990



BDDAE2



546F77



D9F6FF



3D575E



F5FFFF



254047



0E2A30



00161B



000000



87A3AB



87A3AB



769FAB



98A7AB

659BAB

A9ABAB

5498AB

BAAEAB

4394AB

CBB2AB

3190AB

DCB6AB

208CAB

EEBAAB

0F88AB

FFBEAB

0085AB

FFC1AB

FFC5AB

# Harmonies

## Analogous

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



87A4A2



87A3AB



8EA1B0

# Triad

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



87A3AB



AF98A4



A29F8B

# Complementary

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



87A3AB



AB8F87

# 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.



AB9C8C



87A3AB



B3989A

# Square

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



87A3AB



A59AAC



B29991



96A290

# Rectangle

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



87A3AB



959FB1



B29991



A59E8B



# Sweetspot

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



87A3AB



D1DBDE



87AB8F



686E70



F0F0F0



707070



# Same Dimension

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



87A3AB



A6D2DE



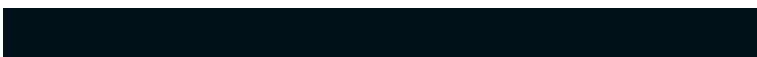
8791AB



4E5557



007596



001217



# Inverse Universe

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



AB87A3



DEA6D2



ABA187



574E55



960075



170012



# Previews

## White Background



This preview shows how the Hex color 87A3AB looks on a white background.

## Color Contrast Check

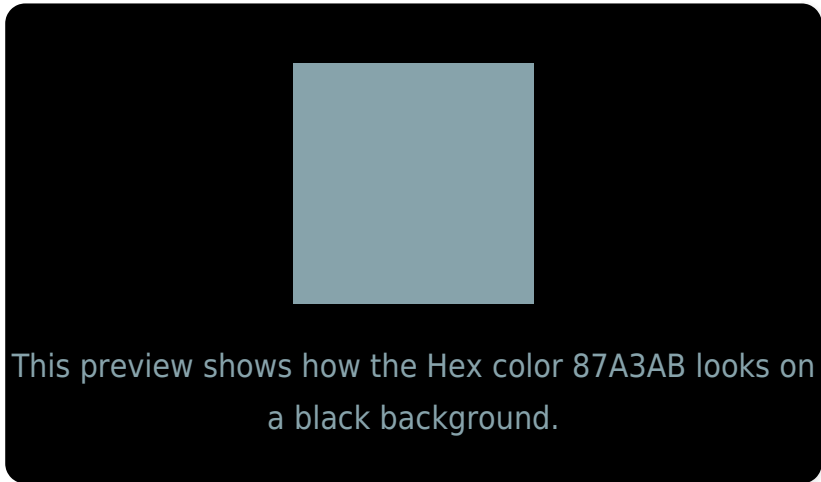
Large Text (above 18pt) WCAG AA × Fail

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

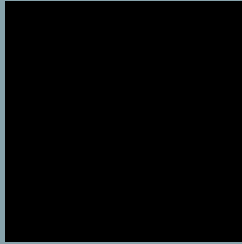
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 87A3AB Background



This preview shows how black text looks on a background with the Hex color 87A3AB.

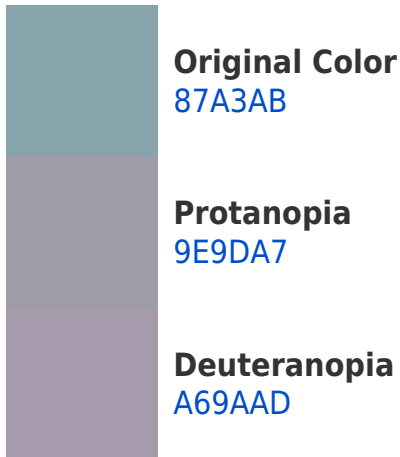


This preview shows how white text looks on a background with the Hex color 87A3AB.

# 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](#).

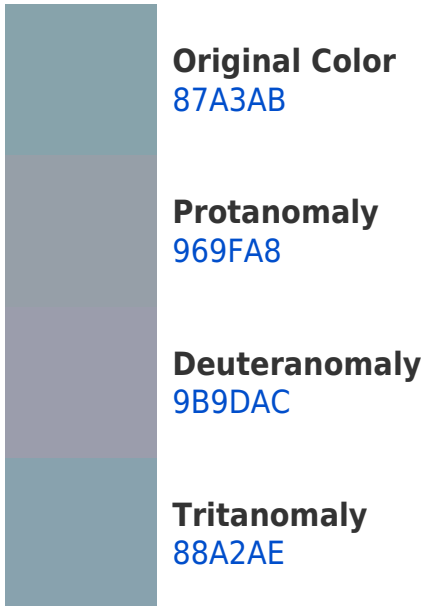
## Dichromacy



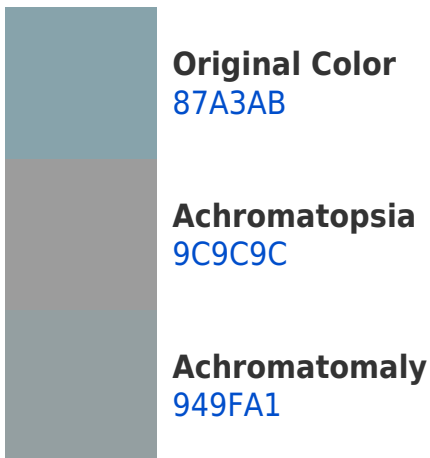


**Tritanopia**  
88A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 87A3AB 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 #87A3AB looks like.

```
.text, #text, p{  
    color:#87A3AB  
}
```

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 #87A3AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87A3AB
}
```

## Border

The CSS property to change the border of an element to Hex 87A3AB 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
#87A3AB }
```

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

```
.border{ border-color:#87A3AB }
```

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

Here you see how a box with a 4 pixel #87A3AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87A3AB; -webkit-box-shadow:4px 4px  
4px 4px #87A3AB; box-shadow:4px 4px 4px  
4px #87A3AB }
```

# Background

The CSS property to change the background color of an element to Hex 87A3AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87A3AB }
```

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

```
.background{ background-color:#87A3AB }
```

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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