

# Converting Colors

Hex(82A3BA)

Have a look what the booklet for  
Hex(82A3BA) contains.

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# **Color**

**Hex(82A3BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82A3BA
RGB	130, 163, 186
RGB Percent	51%, 64%, 73%
CMY	0.4902, 0.3608, 0.2706
CMYK	0.30, 0.12, 0.00, 0.27
HSL	205°, 29%, 62%
HSV	205°, 30%, 73%
XYZ	31.1660, 34.4854, 51.4681
YIQ	155.7550, -27.0510, 0.1570

# Conversions

## Conversions Part 2

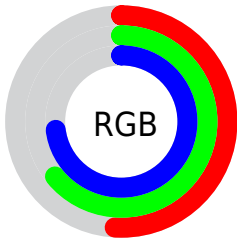
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 151, 186
Decimal	8561594
CIELab	65.35, -5.84, -15.54
CIELCh	65, 16.606, 249.401
Yxy	34.4854, 0.2661, 0.2944
Android (android.graphics.Color)	4286751674 (0xFF82A3BA)
YUV	155.7550, 14.9108, -22.5871
Hunter-Lab	58.7243, -8.0342, -10.8570

# Details

The Hex color **82A3BA** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BA9982**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B8DAF2**, and **4F6F85** is the 20% darker color. If you saturate the color by 10%, you get **6F9BBA**, and if you desaturate by 10%, it is **95ABBA**.

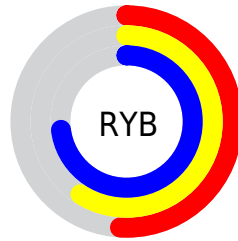
# Distribution



Red (51%)

Green (64%)

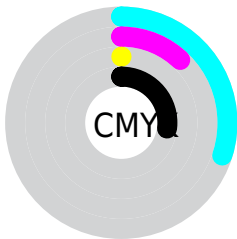
Blue (73%)



Red (51%)

Yellow (59%)

Blue (73%)

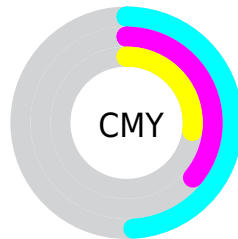


Cyan (30%)

Magenta (12%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (36%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82A3BA 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 82A3BA by changing the saturation by 10% instead.



 82A3BA

 82A3BA

FFFFFF

 68899F

 B8DAF2

 4F6F85

 D4F6FF

 36576C

 F1FFFF

 1D4053

 002A3C

 001626

 000111

 000000

 82A3BA

 82A3BA

6F9BBA

95ABBA

5D94BA

A7B2BA

4A8CBA

BABABA

3884BA

CCC2BA

257DBA

DFC9BA

1275BA

F2D1BA

006EBA

FFD8BA

FFE0BA

FFE8BA

# Harmonies

## Analogous

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



78A6B1



82A3BA



949EBC

# Triad

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



82A3BA



BD949A



95A487

# Complementary

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



82A3BA



BA9982

# 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.



A59F81



82A3BA



BC968C

# Square

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



82A3BA



B696A9



B49A83



84A694

# Rectangle

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



82A3BA



A19BB8



B49A83



9AA285



# Sweetspot

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



82A3BA



DCE9F2



82BA98



6D757A



FAFAFA



7A7A7A



# Same Dimension

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



82A3BA



9BCEF2



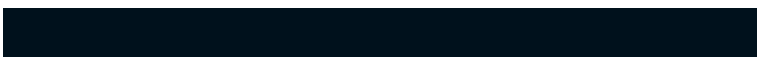
8288BA



53585C



005C9C



00111C



# Inverse Universe

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



BA82A3



F29BCE



BAB482



5C5358



9C005C

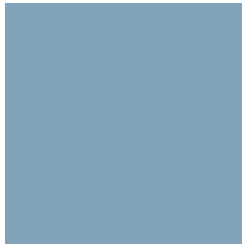


1C0011



# Previews

## White Background



This preview shows how the Hex color 82A3BA looks on a white background.

## Color Contrast Check

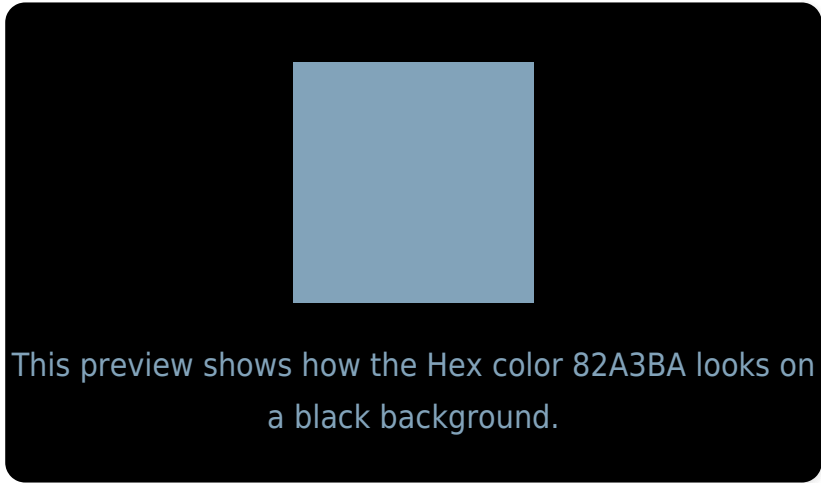
Large Text (above 18pt) WCAG AA × Fail

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

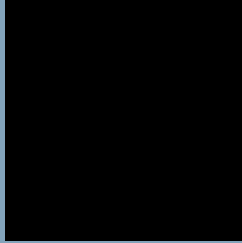
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

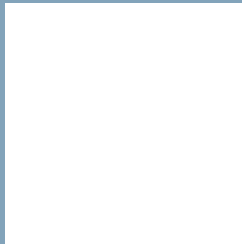
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 82A3BA Background



This preview shows how black text looks on a background with the Hex color 82A3BA.

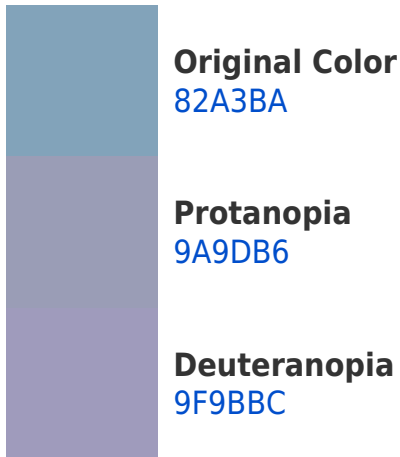


This preview shows how white text looks on a background with the Hex color 82A3BA.

# 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](#).

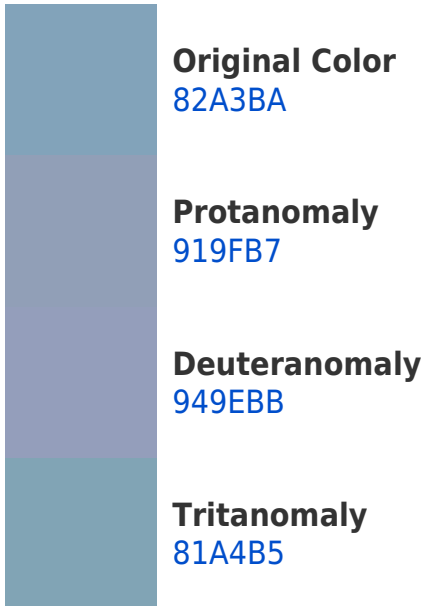
## Dichromacy



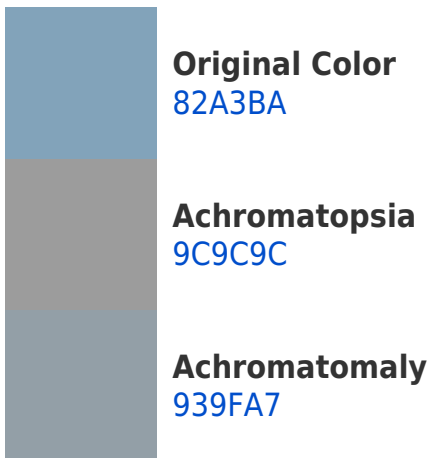


**Tritanopia**  
80A4B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82A3BA 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 #82A3BA looks like.

```
.text, #text, p{  
    color:#82A3BA  
}
```

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 #82A3BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82A3BA
}
```

## Border

The CSS property to change the border of an element to Hex 82A3BA 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
#82A3BA }
```

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

```
.border{ border-color:#82A3BA }
```

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

Here you see how a box with a 4 pixel #82A3BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82A3BA; -webkit-box-shadow:4px 4px  
4px 4px #82A3BA; box-shadow:4px 4px 4px  
4px #82A3BA }
```

# Background

The CSS property to change the background color of an element to Hex 82A3BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82A3BA }
```

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

```
.background{ background-color:#82A3BA }
```

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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