

# Converting Colors

Hex(82A2BA)

Have a look what the booklet for  
Hex(82A2BA) contains.

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# **Color**

**Hex(82A2BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82A2BA
RGB	130, 162, 186
RGB Percent	51%, 64%, 73%
CMY	0.4902, 0.3647, 0.2706
CMYK	0.30, 0.13, 0.00, 0.27
HSL	206°, 29%, 62%
HSV	206°, 30%, 73%
XYZ	30.9892, 34.1317, 51.4091
YIQ	155.1680, -26.7760, 0.6800

# Conversions

## Conversions Part 2

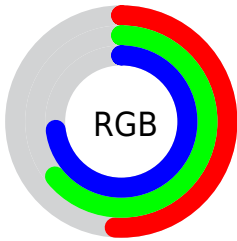
Format	Color
<a href="#">RYB</a>	<a href="#">130, 150, 186</a>
Decimal	<a href="#">8561338</a>
CIELab	<a href="#">65.07, -5.29, -15.97</a>
CIELCh	<a href="#">65, 16.820, 251.659</a>
Yxy	<a href="#">34.1317, 0.2659, 0.2929</a>
Android (android.graphics.Color)	<a href="#">4286751418 (0xFF82A2BA)</a>
YUV	<a href="#">155.1680, 15.2002, -22.0723</a>
Hunter-Lab	<a href="#">58.4223, -7.5566, -11.2771</a>

# Details

The Hex color **82A2BA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BA9A82**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B8D9F2**, and **4F6E85** is the 20% darker color. If you saturate the color by 10%, you get **6F9ABA**, and if you desaturate by 10%, it is **95AABA**.

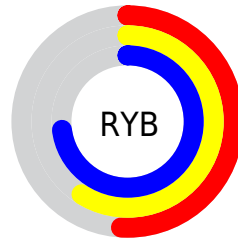
# Distribution



Red (51%)

Green (64%)

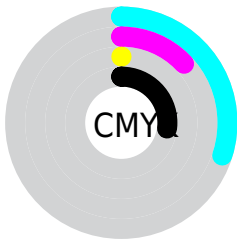
Blue (73%)



Red (51%)

Yellow (59%)

Blue (73%)

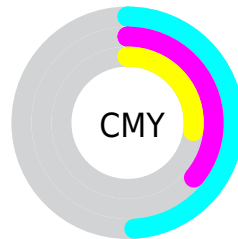


Cyan (30%)

Magenta (13%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (36%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82A2BA 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 82A2BA by changing the saturation by 10% instead.



■ 82A2BA

■ 82A2BA

FFFFFF

■ 68889F

■ B8D9F2

■ 4F6E85

■ D4F5FF

■ 36566C

■ F1FFFF

■ 1D3F53

■ 00293C

■ 001526

■ 000111

■ 000000

■ 82A2BA

■ 82A2BA

6F9ABA

95AABA

5D92BA

A7B2BA

4A8ABA

BABABA

3882BA

CCC2BA

257ABA

DFCABA

1272BA

F2D2BA

006ABA

FFDABA

FFE2BA

FFEABA

# Harmonies

## Analogous

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



77A5B1



82A2BA



959DBB

# Triad

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



82A2BA



BD9398



92A387

# Complementary

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



82A2BA



BA9A82

# 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.



A49F80



82A2BA



BB968B

# Square

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



82A2BA



B694A8



B29A82



82A694

# Rectangle

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



82A2BA



A29AB7



B29A82



98A284



# Sweetspot

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



82A2BA



DCE9F2



82BA99



6D757A



FAFAFA



7A7A7A



# Same Dimension

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



82A2BA



9BCDF2



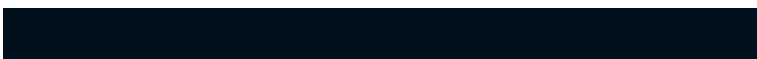
8287BA



53585C



00599C



00101C



# Inverse Universe

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



BA82A2



F29BCD



BAB582



5C5358



9C0059

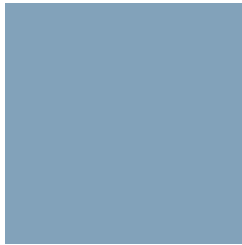


1C0010



# Previews

## White Background



This preview shows how the Hex color 82A2BA looks on a white background.

## Color Contrast Check

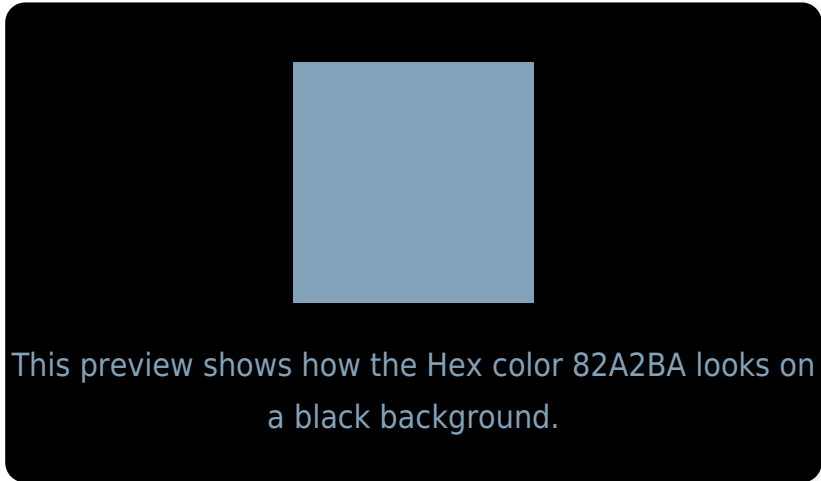
Large Text (above 18pt) WCAG AA × Fail

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

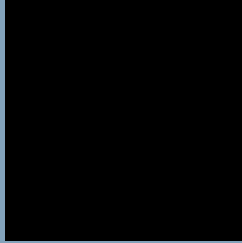
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

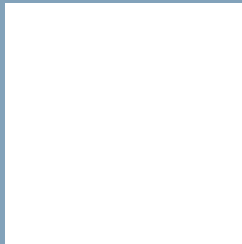
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 82A2BA Background



This preview shows how black text looks on a background with the Hex color 82A2BA.



This preview shows how white text looks on a background with the Hex color 82A2BA.

# 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](#).

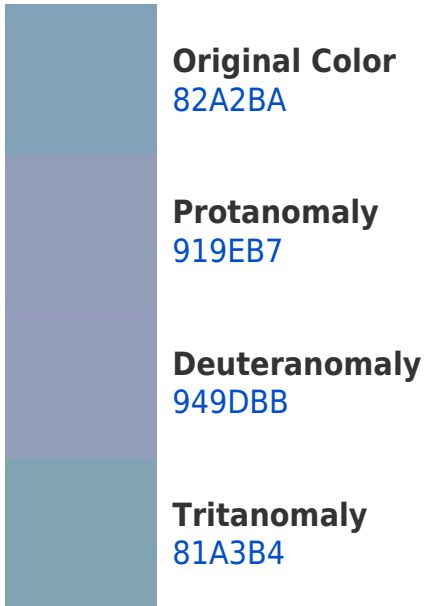
## Dichromacy



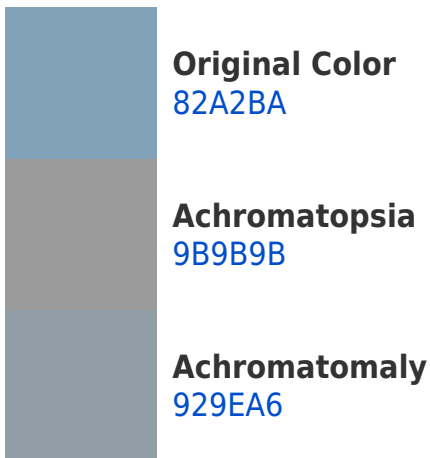


**Tritanopia**  
80A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82A2BA 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 #82A2BA looks like.

```
.text, #text, p{  
    color:#82A2BA  
}
```

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 #82A2BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82A2BA  
}
```

## Border

The CSS property to change the border of an element to Hex 82A2BA 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  
#82A2BA }
```

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

```
.border{ border-color:#82A2BA }
```

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

Here you see how a box with a 4 pixel #82A2BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82A2BA; -webkit-box-shadow:4px 4px  
4px 4px #82A2BA; box-shadow:4px 4px 4px  
4px #82A2BA }
```

# Background

The CSS property to change the background color of an element to Hex 82A2BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82A2BA }
```

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

```
.background{ background-color:#82A2BA }
```

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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