

# Converting Colors

Hex(82B8C9)

Have a look what the booklet for  
Hex(82B8C9) contains.

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# **Color**

**Hex(82B8C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82B8C9
RGB	130, 184, 201
RGB Percent	51%, 72%, 79%
CMY	0.4902, 0.2784, 0.2118
CMYK	0.35, 0.08, 0.00, 0.21
HSL	194°, 40%, 65%
HSV	194°, 35%, 79%
XYZ	36.8890, 43.2439, 61.6610
YIQ	169.7920, -37.6410, -6.1610

# Conversions

## Conversions Part 2

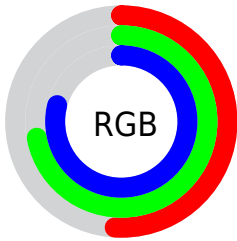
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 161, 201
Decimal	8566985
CIELab	71.72, -13.39, -14.23
CIELCh	72, 19.534, 226.741
Yxy	43.2439, 0.2602, 0.3050
Android (android.graphics.Color)	4286757065 (0xFF82B8C9)
YUV	169.7920, 15.3855, -34.8976
Hunter-Lab	65.7601, -14.9480, -9.5622

# Details

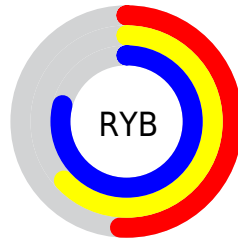
The Hex color **82B8C9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C99382**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **B9F0FF**, and **4D8393** is the 20% darker color. If you saturate the color by 10%, you get **6EB3C9**, and if you desaturate by 10%, it is **96BDC9**.

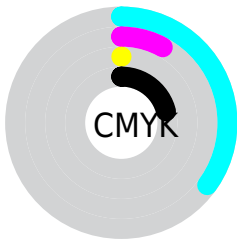
# Distribution



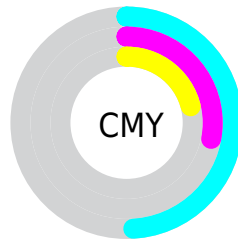
- Red (51%)
- Green (72%)
- Blue (79%)



- Red (51%)
- Yellow (63%)
- Blue (79%)



- Cyan (35%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)



- Cyan (49%)
- Magenta (28%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82B8C9 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 82B8C9 by changing the saturation by 10% instead.



 82B8C9

 82B8C9

FFFFFF

 679DAE

 B9F0FF

 4D8393

 D6FFFF

 326A79

 F3FFFF

 145160

 003A49

 002532

 000D1D

 000000

 82B8C9

 82B8C9

6EB3C9

96BDC9

5AAEC9

AAC2C9

46AAC9

BEC6C9

32A5C9

D2CBC9

1DA0C9

E7D0C9

099BC9

FBD5C9

0099C9

FFDAC9

FFDFC9

FFE3C9

# Harmonies

## Analogous

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



80BAB9



82B8C9



92B4D2

# Triad

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



82B8C9



CFA4B8



B3B28E

# Complementary

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



82B8C9



C99382

# 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.



C5AC8D



82B8C9



D5A3A6

# Square

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



82B8C9



BFA8C8



D1A697



9FB797

# Rectangle

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



82B8C9



A1B0D3



D1A697



B9B08C



# Sweetspot

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



82B8C9



E3F8FF



82C993



6F7C80



000000



808080

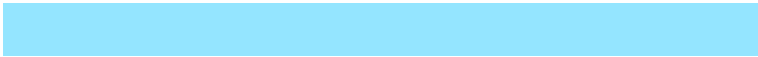


# Same Dimension

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



82B8C9



94E5FF



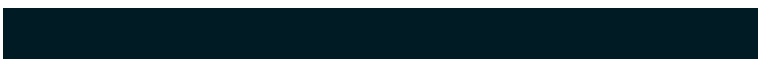
8295C9



5A6163



007CA3



001B24



# Inverse Universe

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



C982B8



FF94E5



C9B682



635A61



A3007C

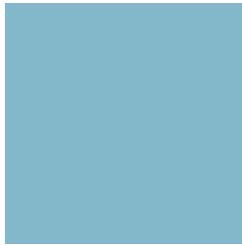


24001B



# Previews

## White Background



This preview shows how the Hex color 82B8C9 looks on a white background.

## Color Contrast Check

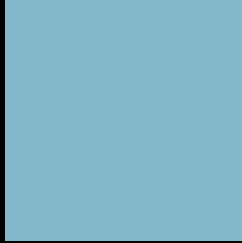
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 82B8C9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

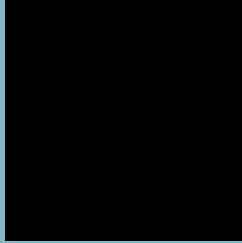
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82B8C9 Background



This preview shows how black text looks on a background with the Hex color 82B8C9.



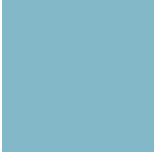
This preview shows how white text looks on a background with the Hex color 82B8C9.

# 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



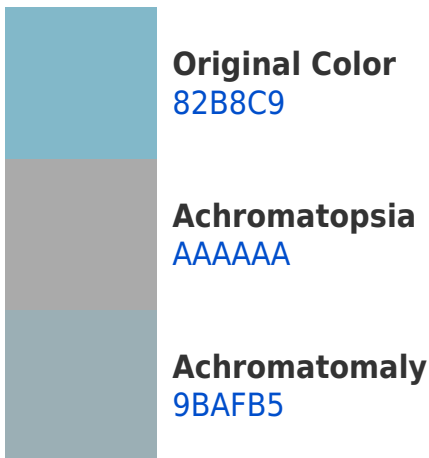


**Tritanopia**  
82B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82B8C9 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 #82B8C9 looks like.

```
.text, #text, p{  
    color:#82B8C9  
}
```

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 #82B8C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82B8C9
}
```

## Border

The CSS property to change the border of an element to Hex 82B8C9 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
#82B8C9 }
```

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

```
.border{ border-color:#82B8C9 }
```

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

Here you see how a box with a 4 pixel #82B8C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82B8C9; -webkit-box-shadow:4px 4px  
4px 4px #82B8C9; box-shadow:4px 4px 4px  
4px #82B8C9 }
```

# Background

The CSS property to change the background color of an element to Hex 82B8C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82B8C9 }
```

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

```
.background{ background-color:#82B8C9 }
```

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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