

# Converting Colors

Hex(82B4C4)

Have a look what the booklet for  
Hex(82B4C4) contains.

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# **Color**

**Hex(82B4C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82B4C4
RGB	130, 180, 196
RGB Percent	51%, 71%, 77%
CMY	0.4902, 0.2941, 0.2314
CMYK	0.34, 0.08, 0.00, 0.23
HSL	195°, 36%, 64%
HSV	195°, 34%, 77%
XYZ	35.4910, 41.3739, 58.3399
YIQ	166.8740, -34.9360, -5.6240

# Conversions

## Conversions Part 2

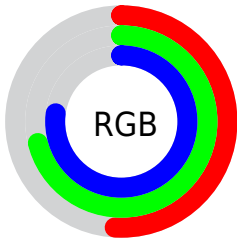
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 158, 196
Decimal	8565956
CIELab	70.44, -12.52, -13.41
CIElCh	70, 18.350, 226.964
Yxy	41.3739, 0.2625, 0.3060
Android (android.graphics.Color)	4286756036 (0xFF82B4C4)
YUV	166.8740, 14.3591, -32.3385
Hunter-Lab	64.3225, -14.0742, -8.7497

# Details

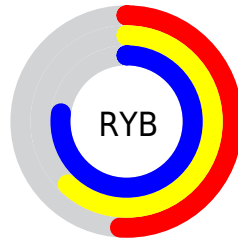
The Hex color **82B4C4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C49282**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B9ECFD**, and **4D7F8E** is the 20% darker color. If you saturate the color by 10%, you get **6EAF C4**, and if you desaturate by 10%, it is **96B9C4**.

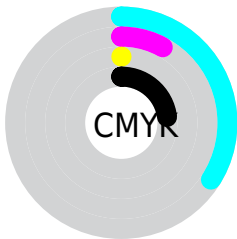
# Distribution



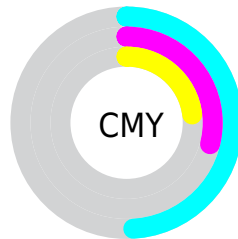
- Red (51%)
- Green (71%)
- Blue (77%)



- Red (51%)
- Yellow (62%)
- Blue (77%)



- Cyan (34%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)



- Cyan (49%)
- Magenta (29%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82B4C4 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 82B4C4 by changing the saturation by 10% instead.





82B4C4



82B4C4

FFFFFF



6799A9



B9ECFD



4D7F8E



D5FFFF



336675



F2FFFF



174E5C



003745



00222E



00041A



000000



82B4C4



82B4C4

6EAF C4

96B9 C4

5BAAC4

A9BEC4

47A6 C4

BDC2 C4

34A1 C4

D0C7 C4

209CC4

E4CCC4

0C97 C4

F8D1 C4

0094 C4

FFD5 C4

FFDAC4

FFDF C4

# Harmonies

## Analogous

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



80B6B5



82B4C4



90B0CC

# Triad

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



82B4C4



C9A1B4



AFAE8C

# Complementary

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



82B4C4



C49282

# 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.



C0A98C



82B4C4



CFA1A3

# Square

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



82B4C4



BBA5C3



CCA495



9CB395

# Rectangle

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



82B4C4



9EACCD



CCA495



B5AC8B

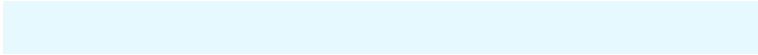


# Sweetspot

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



82B4C4



E6F9FF



82C491



707C80



000000



808080

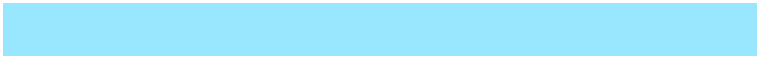


# Same Dimension

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



82B4C4



99E6FF



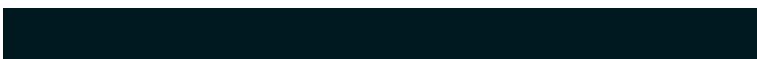
8294C4



575F61



007AA1



001921



# Inverse Universe

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



C482B4



FF99E6



C4B282



61575F



A1007A

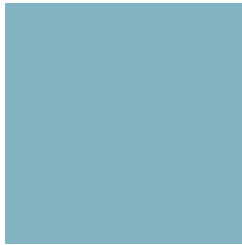


210019



# Previews

## White Background



This preview shows how the Hex color 82B4C4 looks on a white background.

## Color Contrast Check

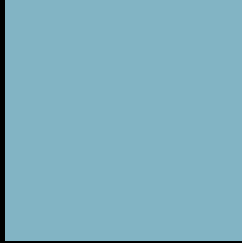
Large Text (above 18pt) WCAG AA × Fail

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 82B4C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

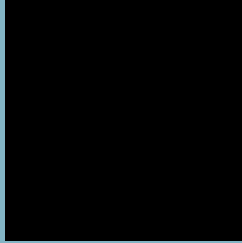
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

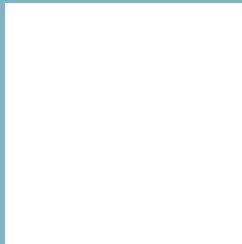
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 82B4C4 Background



This preview shows how black text looks on a background with the Hex color 82B4C4.

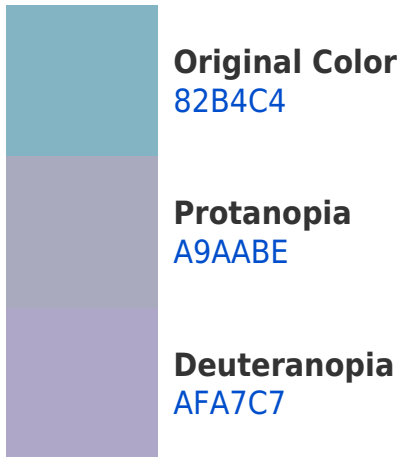


This preview shows how white text looks on a background with the Hex color 82B4C4.

# 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](#).

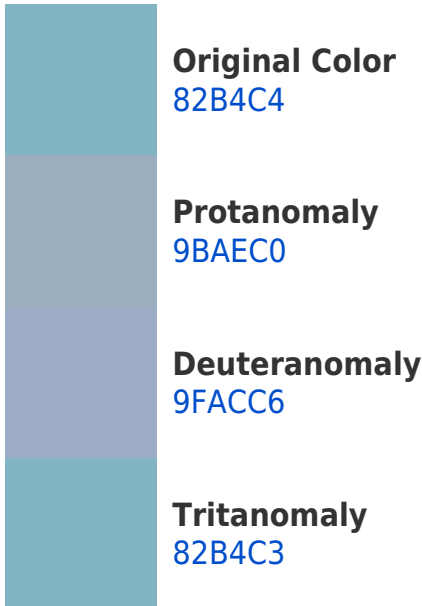
## Dichromacy



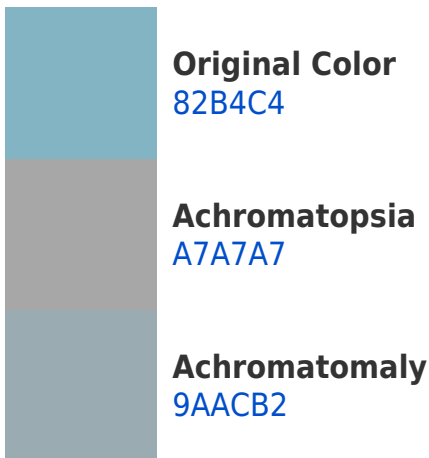


**Tritanopia**  
82B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82B4C4 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 #82B4C4 looks like.

```
.text, #text, p{  
    color:#82B4C4  
}
```

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 #82B4C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82B4C4
}
```

## Border

The CSS property to change the border of an element to Hex 82B4C4 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
#82B4C4 }
```

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

```
.border{ border-color:#82B4C4 }
```

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

Here you see how a box with a 4 pixel #82B4C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82B4C4; -webkit-box-shadow:4px 4px  
4px 4px #82B4C4; box-shadow:4px 4px 4px  
4px #82B4C4 }
```

# Background

The CSS property to change the background color of an element to Hex 82B4C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82B4C4 }
```

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

```
.background{ background-color:#82B4C4 }
```

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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