

Converting Colors

Hex(82B8C4)

Have a look what the booklet for
Hex(82B8C4) contains.

Hex(82B8C4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(82B8C4)

Conversions

Conversions Part 1

Format	Color
Hex	82B8C4
RGB	130, 184, 196
RGB Percent	51%, 72%, 77%
CMY	0.4902, 0.2784, 0.2314
CMYK	0.34, 0.06, 0.00, 0.23
HSL	191°, 36%, 64%
HSV	191°, 34%, 77%
XYZ	36.3102, 43.0123, 58.6130
YIQ	169.2220, -36.0360, -7.7160

Conversions

Conversions Part 2

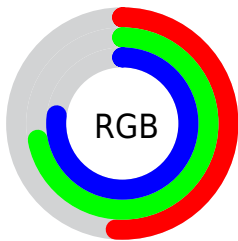
Format	Color
RYB	130, 160, 196
Decimal	8566980
CIELab	71.56, -14.63, -11.72
CIELCh	72, 18.747, 218.710
Yxy	43.0123, 0.2632, 0.3118
Android (android.graphics.Color)	4286757060 (0xFF82B8C4)
YUV	169.2220, 13.2016, -34.3977
Hunter-Lab	65.5838, -15.9458, -7.0795

Details

The Hex color **82B8C4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C48E82**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **B9F0FD**, and **4D838E** is the 20% darker color. If you saturate the color by 10%, you get **6EB4C4**, and if you desaturate by 10%, it is **96BCC4**.

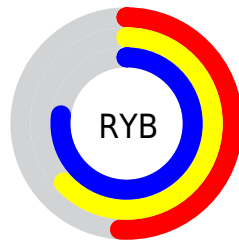
Distribution



Red (51%)

Green (72%)

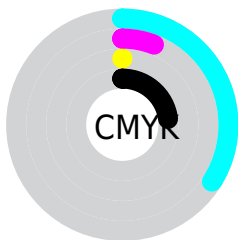
Blue (77%)



Red (51%)

Yellow (63%)

Blue (77%)

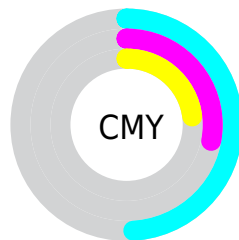


Cyan (34%)

Magenta (6%)

Yellow (0%)

Black (23%)



Cyan (49%)

Magenta (28%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82B8C4 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 82B8C4 by changing the saturation by 10% instead.



82B8C4



82B8C4

FFFFFF



679DA9



B9F0FD



4D838E



D5FFFF



336A75



F2FFFF



16515C



003A45



00242E



000C1A



000000



82B8C4



82B8C4

6EB4C4

96BCC4

5BB1C4

A9BFC4

47ADC4

BDC3C4

34AAC4

D0C6C4

20A6C4

E4CAC4

0CA3C4

F8CDC4

00A0C4

FFD1C4

FFD5C4

FFD8C4

Harmonies

Analogous

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



84B9B4



82B8C4



8EB4CF

Triad

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



82B8C4



CAA5BC



B7B08E

Complementary

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



82B8C4



C48E82

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.



C8AA90



82B8C4



D2A3AB

Square

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



82B8C4



B9A9CA



D1A59B



A4B594

Rectangle

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



82B8C4



9BB1D1



D1A59B



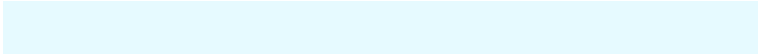
BDAE8D

Sweetspot

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



82B8C4



E6FAFF



82C48D



707D80



000000



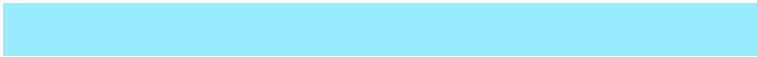
808080

Same Dimension

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



82B8C4



99ECFF



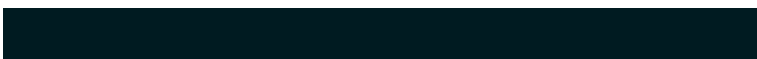
8298C4



575F61



0083A1



001B21

Inverse Universe

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



C482B8



FF99EC



C4AE82



61575F



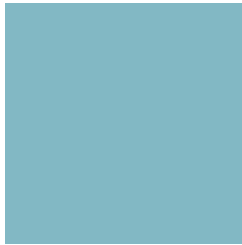
A10083



21001B

Previews

White Background



This preview shows how the Hex color 82B8C4 looks on a white background.

Color Contrast Check

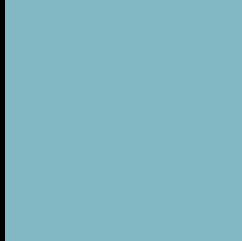
Large Text (above 18pt) WCAG AA × Fail

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 82B8C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

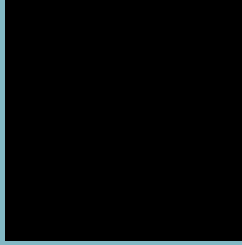
Any Text WCAG AA ✓ Pass

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 82B8C4 Background



This preview shows how black text looks on a background with the Hex color 82B8C4.

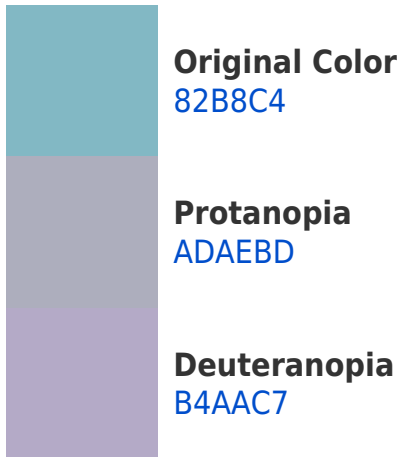


This preview shows how white text looks on a background with the Hex color 82B8C4.

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](#).

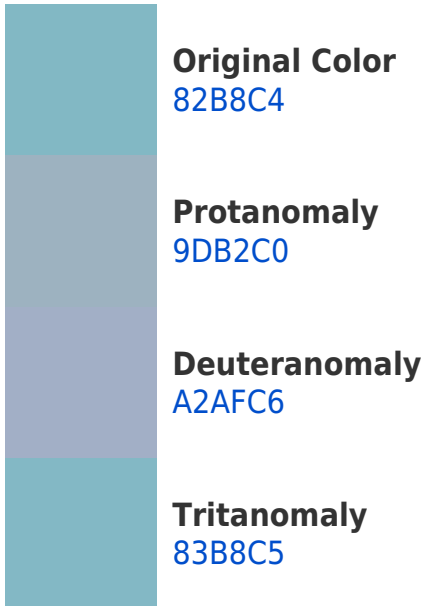
Dichromacy



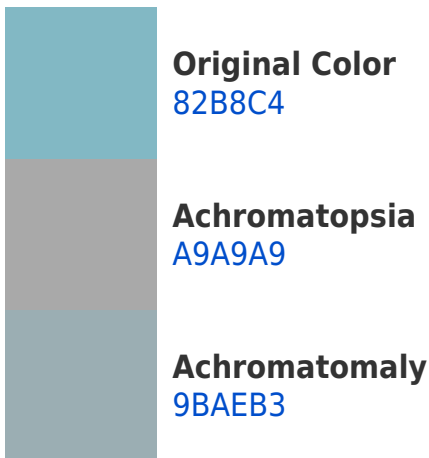


Tritanopia
83B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82B8C4 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 #82B8C4 looks like.

```
.text, #text, p{  
    color:#82B8C4  
}
```

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 #82B8C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82B8C4
}
```

Border

The CSS property to change the border of an element to Hex 82B8C4 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
#82B8C4 }
```

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

```
.border{ border-color:#82B8C4 }
```

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

Here you see how a box with a 4 pixel #82B8C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82B8C4; -webkit-box-shadow:4px 4px  
4px 4px #82B8C4; box-shadow:4px 4px 4px  
4px #82B8C4 }
```

Background

The CSS property to change the background color of an element to Hex 82B8C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82B8C4 }
```

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

```
.background{ background-color:#82B8C4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor