

# Converting Colors

Hex(82BFB2)

Have a look what the booklet for  
Hex(82BFB2) contains.

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# **Color**

**Hex(82BFB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82BFB2
RGB	130, 191, 178
RGB Percent	51%, 75%, 70%
CMY	0.4902, 0.2510, 0.3020
CMYK	0.32, 0.00, 0.07, 0.25
HSL	167°, 32%, 63%
HSV	167°, 32%, 75%
XYZ	35.8726, 45.2218, 48.9575
YIQ	171.2790, -32.1830, -16.9750

# Conversions

## Conversions Part 2

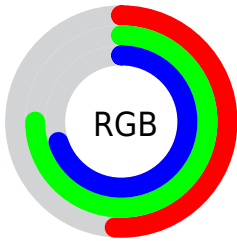
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 164, 191
Decimal	8568754
CIELab	73.04, -22.45, 0.29
CIELCh	73, 22.449, 179.252
Yxy	45.2218, 0.2758, 0.3477
Android (android.graphics.Color)	4286758834 (0xFF82BFB2)
YUV	171.2790, 3.3135, -36.2017
Hunter-Lab	67.2471, -22.4627, 3.9085

# Details

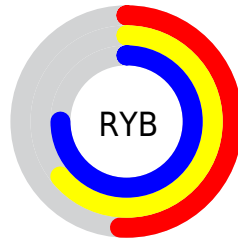
The Hex color **82BFB2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BF828F**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **B9F8EA**, and **4E897D** is the 20% darker color. If you saturate the color by 10%, you get **6FBFAE**, and if you desaturate by 10%, it is **95BFB6**.

# Distribution



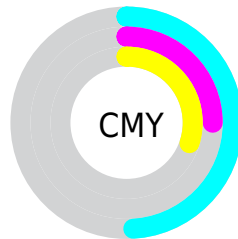
- Red (51%)
- Green (75%)
- Blue (70%)



- Red (51%)
- Yellow (64%)
- Blue (75%)



- Cyan (32%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)



- Cyan (49%)
- Magenta (25%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82BFB2 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 82BFB2 by changing the saturation by 10% instead.





82BFB2



82BFB2

FFFFFF



68A497



B9F8EA



4E897D



D5FFFF



347065



F2FFFF



19574D



003F36



002921



00130A



000000



82BFB2



82BFB2

 6FBFAE

 95BFB6

 5CBFAA

 A8BFBA

 49BFA6

 BBBFBE

 36BFA2

 CEBFC2

 22BF9E

 E2BFC6

 0FBF9A

 F5BFCA

 00BF96

 FFBFCE

 FFBFD3

 FFBFD7

# Harmonies

## Analogous

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



96BD9E



82BFB2



7ABEC7

# Triad

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



82BFB2



B6AED7



D5AB91

# Complementary

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



82BFB2



BF828F

# 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.



DDA6A0



82BFB2



CDA8C9

# Square

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



82BFB2



9AB5DC



DBA5B5



C3B28A

# Rectangle

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



82BFB2



7EBCD2



DBA5B5



D9A995



# Sweetspot

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



82BFB2



DFF7F2



8FBF82



6E7D7A



FCFCFC



7D7D7D



# Same Dimension

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



82BFB2



99F7E3



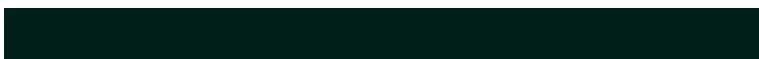
82AEBF



555E5C



009E7C



001F18



# Inverse Universe

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



BF828F



F799AD



BF9382



5E5557



9E0022



1F0007



# Previews

## White Background



This preview shows how the Hex color 82BFB2 looks on a white background.

## Color Contrast Check

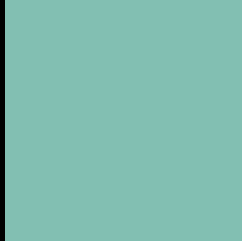
Large Text (above 18pt) WCAG AA × Fail

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 82BFB2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

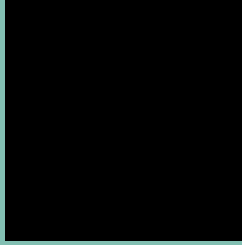
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82BFB2 Background



This preview shows how black text looks on a background with the Hex color 82BFB2.

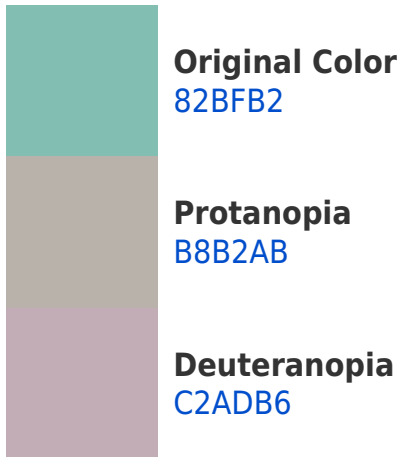


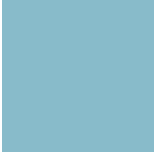
This preview shows how white text looks on a background with the Hex color 82BFB2.

# 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](#).

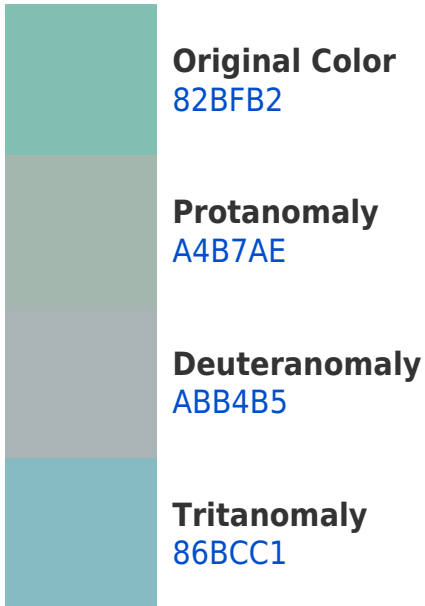
## Dichromacy



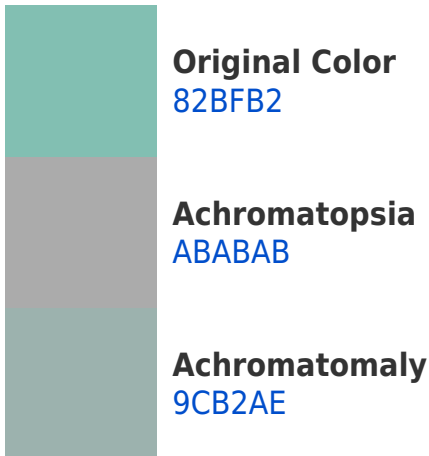


**Tritanopia**  
88BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82BFB2 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 #82BFB2 looks like.

```
.text, #text, p{  
    color:#82BFB2  
}
```

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 #82BFB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82BFB2
}
```

## Border

The CSS property to change the border of an element to Hex 82BFB2 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
#82BFB2 }
```

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

```
.border{ border-color:#82BFB2 }
```

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

Here you see how a box with a 4 pixel #82BFB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82BFB2; -webkit-box-shadow:4px 4px  
4px 4px #82BFB2; box-shadow:4px 4px 4px  
4px #82BFB2 }
```

# Background

The CSS property to change the background color of an element to Hex 82BFB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82BFB2 }
```

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

```
.background{ background-color:#82BFB2 }
```

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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