

# Converting Colors

Hex(8CB0B2)

Have a look what the booklet for  
Hex(8CB0B2) contains.

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# **Color**

**Hex(8CB0B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CB0B2
RGB	140, 176, 178
RGB Percent	55%, 69%, 70%
CMY	0.4510, 0.3098, 0.3020
CMYK	0.21, 0.01, 0.00, 0.30
HSL	183°, 20%, 62%
HSV	183°, 21%, 70%
XYZ	34.3764, 39.8405, 47.9976
YIQ	165.4640, -22.0980, -7.0100

# Conversions

## Conversions Part 2

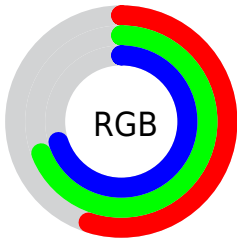
Format	Color
<a href="#">RYB</a>	<a href="#">140, 158, 178</a>
Decimal	<a href="#">9220274</a>
CIELab	<a href="#">69.36, -11.67, -5.05</a>
CIELCh	<a href="#">69, 12.716, 203.386</a>
Yxy	<a href="#">39.8405, 0.2813, 0.3260</a>
Android (android.graphics.Color)	<a href="#">4287410354</a> ( <a href="#">0xFF8CB0B2</a> )
YUV	<a href="#">165.4640, 6.1802, -22.3319</a>
Hunter-Lab	<a href="#">63.1193, -13.2430, -0.9022</a>

# Details

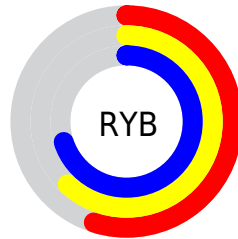
The Hex color **8CB0B2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B28E8C**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **C2E8EA**, and **597B7D** is the 20% darker color. If you saturate the color by 10%, you get **7AAF B2**, and if you desaturate by 10%, it is **9EB1B2**.

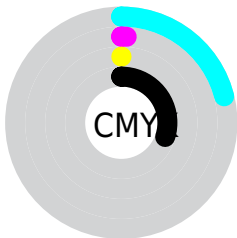
# Distribution



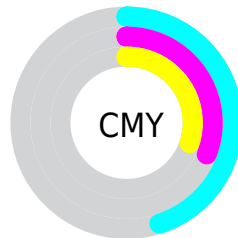
- Red (55%)
- Green (69%)
- Blue (70%)



- Red (55%)
- Yellow (62%)
- Blue (70%)



- Cyan (21%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)



- Cyan (45%)
- Magenta (31%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CB0B2 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 8CB0B2 by changing the saturation by 10% instead.





8CB0B2



8CB0B2

FFFFFF



729597



C2E8EA



597B7D



DEFFFF



406364



FBFFFF



294B4D



113436



001F21



00000A



000000



8CB0B2



8CB0B2

7AAF82

9E8182

68AEB2

B0B2B2

57ADB2

C1B3B2

45ACB2

D3B4B2

33ABB2

E5B5B2

21AAB2

F7B6B2

0FA9B2

FFB7B2

00A9B2

FFB8B2

# Harmonies

## Analogous

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



91B0A6



8CB0B2



8FAEBB

# Triad

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



8CB0B2



B6A4B7



B5A893

# Complementary

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



8CB0B2



B28E8C

# 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.



BEA497



8CB0B2



BFA2AC

# Square

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



8CB0B2



A8A7BE



C2A2A1



A9AB94

# Rectangle

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



8CB0B2



96ACBF



C2A2A1



B9A694



# Sweetspot

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



8CB0B2



DAE7E8



8CB28E



6D7575



F5F5F5



757575



# Same Dimension

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



8CB0B2



ACE5E8



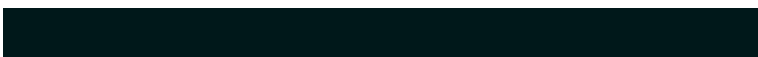
8C9DB2



505959



009199



00181A



# Inverse Universe

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



B28CB0



E8ACE5



B2A18C



595059



990091



1A0018



# Previews

## White Background



This preview shows how the Hex color 8CB0B2 looks on a white background.

## Color Contrast Check

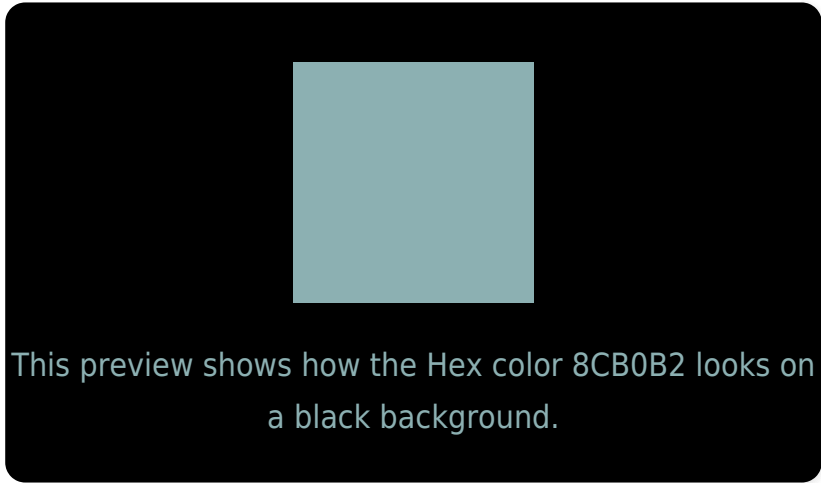
Large Text (above 18pt) WCAG AA × Fail

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

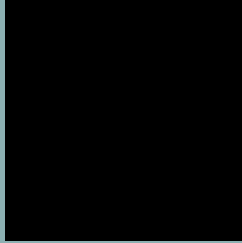
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

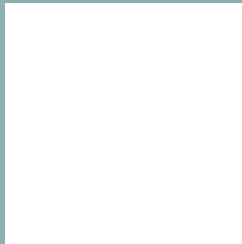
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8CB0B2 Background



This preview shows how black text looks on a background with the Hex color 8CB0B2.

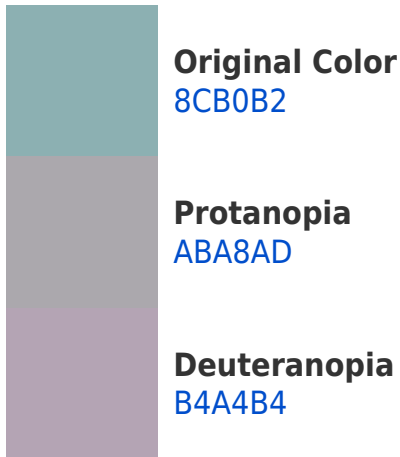


This preview shows how white text looks on a background with the Hex color 8CB0B2.

# 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](#).

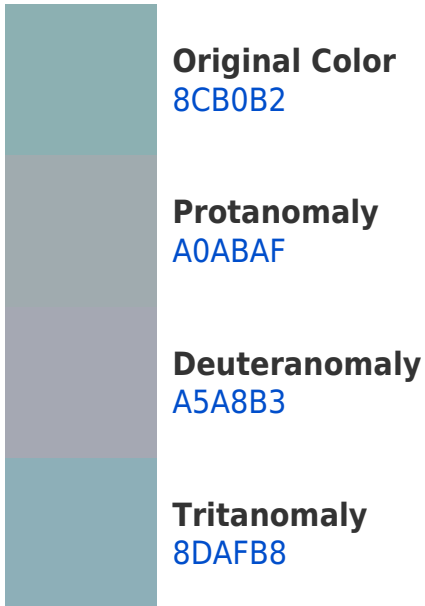
## Dichromacy



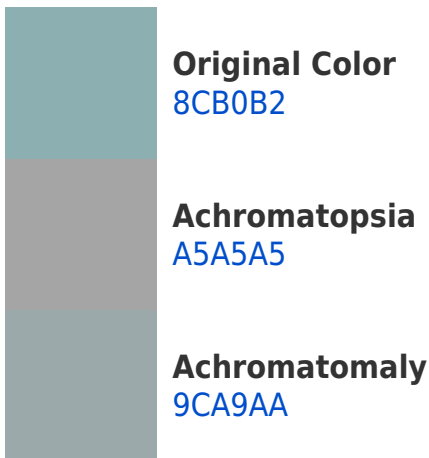


**Tritanopia**  
8EAEB3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CB0B2 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 #8CB0B2 looks like.

```
.text, #text, p{  
    color:#8CB0B2  
}
```

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 #8CB0B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CB0B2
}
```

## Border

The CSS property to change the border of an element to Hex 8CB0B2 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
#8CB0B2 }
```

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

```
.border{ border-color:#8CB0B2 }
```

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

Here you see how a box with a 4 pixel #8CB0B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CB0B2; -webkit-box-shadow:4px 4px  
4px 4px #8CB0B2; box-shadow:4px 4px 4px  
4px #8CB0B2 }
```

# Background

The CSS property to change the background color of an element to Hex 8CB0B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CB0B2 }
```

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

```
.background{ background-color:#8CB0B2 }
```

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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