

# Converting Colors

Hex(8CB6C8)

Have a look what the booklet for  
Hex(8CB6C8) contains.

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# **Color**

**Hex(8CB6C8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8CB6C8
RGB	140, 182, 200
RGB Percent	55%, 71%, 78%
CMY	0.4510, 0.2863, 0.2157
CMYK	0.30, 0.09, 0.00, 0.22
HSL	198°, 35%, 67%
HSV	198°, 30%, 78%
XYZ	37.9685, 43.2015, 60.9811
YIQ	171.4940, -30.8100, -3.3060

# Conversions

## Conversions Part 2

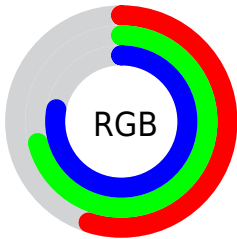
Format	Color
<a href="#">RYB</a>	<a href="#">140, 165, 200</a>
Decimal	<a href="#">9221832</a>
CIELab	<a href="#">71.69, -9.74, -13.67</a>
CIELCh	<a href="#">72, 16.781, 234.520</a>
Yxy	<a href="#">43.2015, 0.2671, 0.3039</a>
Android (android.graphics.Color)	<a href="#">4287411912 (0xFF8CB6C8)</a>
YUV	<a href="#">171.4940, 14.0535, -27.6202</a>
Hunter-Lab	<a href="#">65.7278, -11.9110, -8.9988</a>

# Details

The Hex color **8CB6C8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C89E8C**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **C3EEFF**, and **588192** is the 20% darker color. If you saturate the color by 10%, you get **78B0C8**, and if you desaturate by 10%, it is **A0BCC8**.

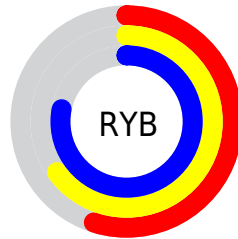
# Distribution



Red (55%)

Green (71%)

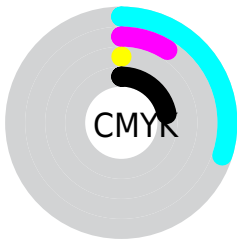
Blue (78%)



Red (55%)

Yellow (65%)

Blue (78%)

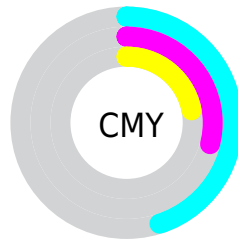


Cyan (30%)

Magenta (9%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (29%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CB6C8 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 8CB6C8 by changing the saturation by 10% instead.





8CB6C8



8CB6C8

FFFFFF



729BAD



C3EEFF



588192



DFFFFFF



3E6878



FCFFFF



255060



073948



002331



000D1D



000000



8CB6C8



8CB6C8

78B0C8

A0BCC8

64AAC8

B4C2C8

50A4C8

C8C8C8

3C9EC8

DCCEC8

2898C8

F0D4C8

1492C8

FFDAC8

008CC8

FFE0C8

FFE6C8

FFECC8

# Harmonies

## Analogous

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



87B8BC



8CB6C8



9BB2CE

# Triad

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



8CB6C8



CDA5B3



AEB394

# Complementary

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



8CB6C8



C89E8C

# 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.



BFAE91



8CB6C8



D0A6A4

# Square

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



8CB6C8



C1A8C2



CBA997



9DB69D

# Rectangle

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



8CB6C8



A8AECD



CBA997



B4B192

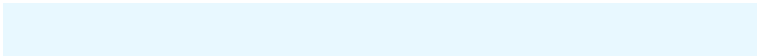


# Sweetspot

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



8CB6C8



E8F8FF



8CC89E



717B80



000000



808080

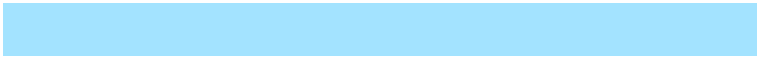


# Same Dimension

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



8CB6C8



A3E3FF



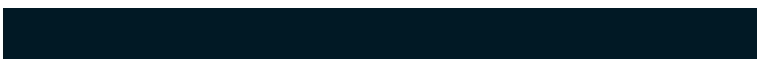
8C98C8



5A6063



0072A3



001924



# Inverse Universe

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



C88CB6



FFA3E3



C8BC8C



635A60



A30072

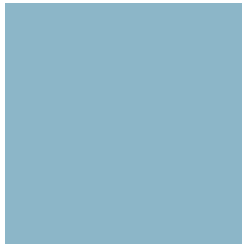


240019



# Previews

## White Background



This preview shows how the Hex color 8CB6C8 looks on a white background.

## Color Contrast Check

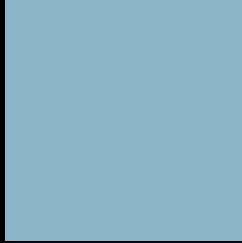
Large Text (above 18pt) WCAG AA × Fail

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 8CB6C8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

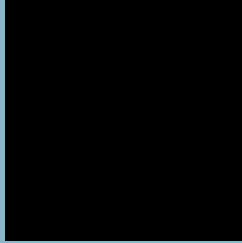
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8CB6C8 Background



This preview shows how black text looks on a background with the Hex color 8CB6C8.

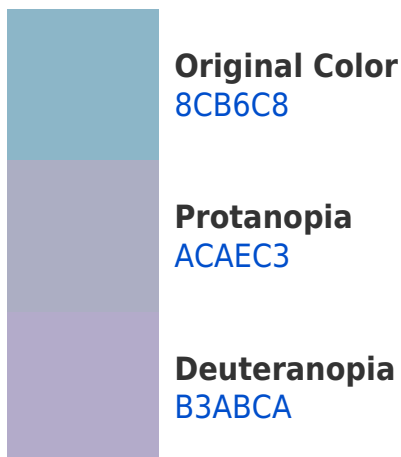


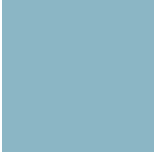
This preview shows how white text looks on a background with the Hex color 8CB6C8.

# 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](#).

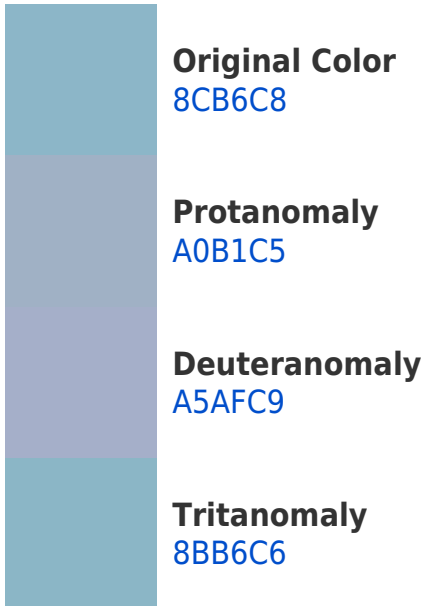
## Dichromacy



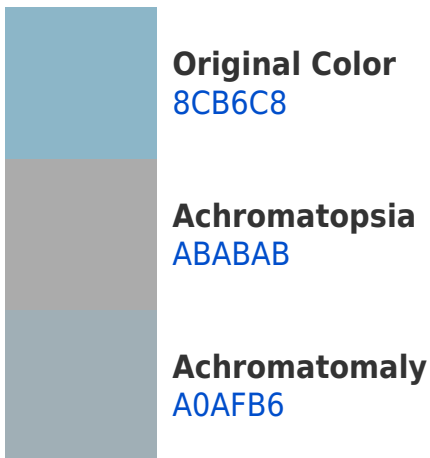


**Tritanopia**  
8BB6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CB6C8 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 #8CB6C8 looks like.

```
.text, #text, p{  
    color:#8CB6C8  
}
```

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 #8CB6C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CB6C8  
}
```

## Border

The CSS property to change the border of an element to Hex 8CB6C8 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  
#8CB6C8 }
```

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

```
.border{ border-color:#8CB6C8 }
```

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

Here you see how a box with a 4 pixel #8CB6C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CB6C8; -webkit-box-shadow:4px 4px  
4px 4px #8CB6C8; box-shadow:4px 4px 4px  
4px #8CB6C8 }
```

# Background

The CSS property to change the background color of an element to Hex 8CB6C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CB6C8 }
```

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

```
.background{ background-color:#8CB6C8 }
```

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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