

# Converting Colors

Hex(86B0B9)

Have a look what the booklet for  
Hex(86B0B9) contains.

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# **Color**

**Hex(86B0B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86B0B9
RGB	134, 176, 185
RGB Percent	53%, 69%, 73%
CMY	0.4745, 0.3098, 0.2745
CMYK	0.28, 0.05, 0.00, 0.27
HSL	191°, 27%, 63%
HSV	191°, 28%, 73%
XYZ	34.1138, 39.6218, 51.7487
YIQ	164.4680, -27.9210, -6.1050

# Conversions

## Conversions Part 2

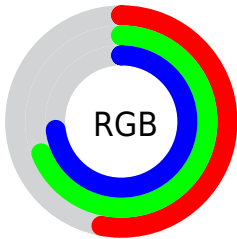
Format	Color
<a href="#">RYB</a>	<a href="#">134, 157, 185</a>
Decimal	<a href="#">8827065</a>
CIELab	<a href="#">69.20, -11.91, -9.18</a>
CIElCh	<a href="#">69, 15.037, 217.642</a>
Yxy	<a href="#">39.6218, 0.2719, 0.3158</a>
Android (android.graphics.Color)	<a href="#">4287017145</a> (0xFF86B0B9)
YUV	<a href="#">164.4680, 10.1223, -26.7204</a>
Hunter-Lab	<a href="#">62.9458, -13.4163, -4.6811</a>

# Details

The Hex color **86B0B9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B98F86**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **BCE8F1**, and **527B84** is the 20% darker color. If you saturate the color by 10%, you get **74ADB9**, and if you desaturate by 10%, it is **99B3B9**.

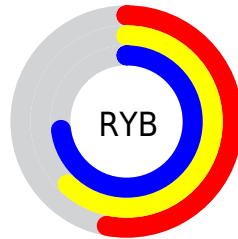
# Distribution



Red (53%)

Green (69%)

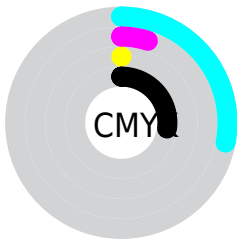
Blue (73%)



Red (53%)

Yellow (62%)

Blue (73%)

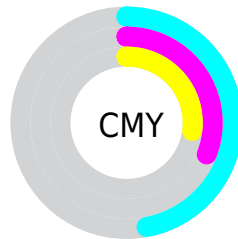


Cyan (28%)

Magenta (5%)

Yellow (0%)

Black (27%)



Cyan (47%)

Magenta (31%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86B0B9 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 86B0B9 by changing the saturation by 10% instead.



 86B0B9

 86B0B9

FFFFFF

 6C959E


 BCE8F1

 527B84

 D9FFFF

 3A636B

 F5FFFF

 214B53

 04343C

 001F26

 000111

 000000

 86B0B9

 86B0B9

74ADB9

99B3B9

61A9B9

ABB7B9

4EA6B9

BDBAB9

3CA3B9

D0DBB9

2AA0B9

E3C0B9

179CB9

F5C4B9

0499B9

FFC7B9

0098B9

FFCAB9

FFCDB9

# Harmonies

## Analogous

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



88B1AC



86B0B9



8FADC2

# Triad

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



86B0B9



BEA1B4



B0A98E

# Complementary

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



86B0B9



B98F86

# 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.



BDA590



86B0B9



C5A0A6

# Square

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



86B0B9



B0A4BE



C5A199



A1AD93

# Rectangle

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



86B0B9



99AAC4



C5A199



B5A88E



# Sweetspot

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



86B0B9



DDECFO



86B98F



6C7678



F7F7F7



787878



# Same Dimension

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



86B0B9



A1E2F0



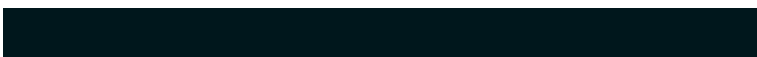
8697B9



535A5C



00809C



00171C



# Inverse Universe

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



B986B0



F0A1E2



B9A886



5C535A



9C0080



1C0017



# Previews

## White Background



This preview shows how the Hex color 86B0B9 looks on a white background.

## Color Contrast Check

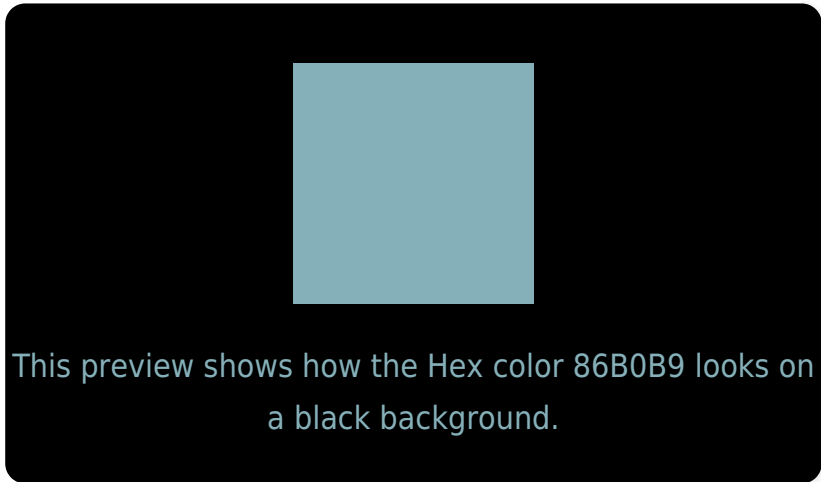
Large Text (above 18pt) WCAG AA × Fail

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

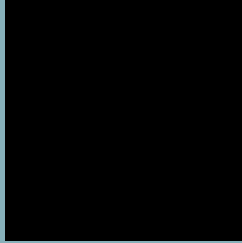
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 86B0B9 Background



This preview shows how black text looks on a background with the Hex color 86B0B9.



This preview shows how white text looks on a background with the Hex color 86B0B9.

# 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](#).

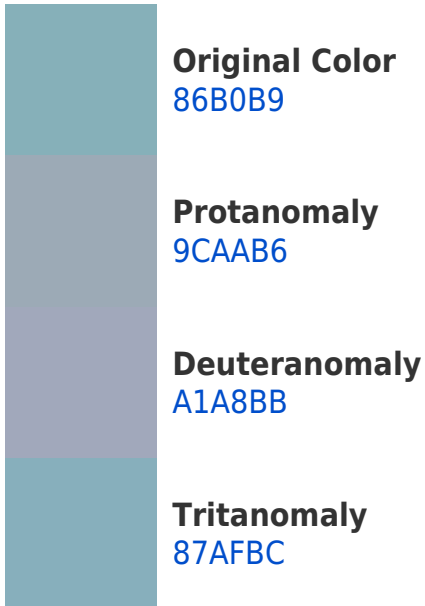
## Dichromacy



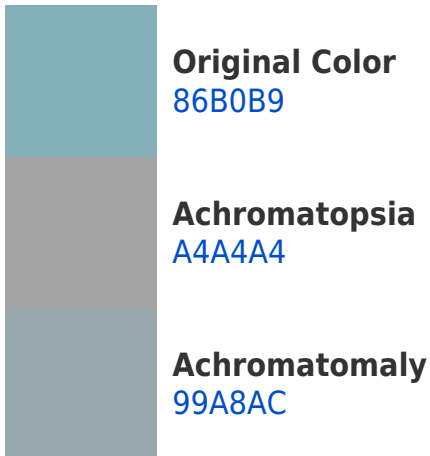


**Tritanopia**  
87AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86B0B9 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 #86B0B9 looks like.

```
.text, #text, p{  
    color:#86B0B9  
}
```

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 #86B0B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86B0B9
}
```

## Border

The CSS property to change the border of an element to Hex 86B0B9 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
#86B0B9 }
```

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

```
.border{ border-color:#86B0B9 }
```

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

Here you see how a box with a 4 pixel #86B0B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86B0B9; -webkit-box-shadow:4px 4px  
4px 4px #86B0B9; box-shadow:4px 4px 4px  
4px #86B0B9 }
```

# Background

The CSS property to change the background color of an element to Hex 86B0B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86B0B9 }
```

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

```
.background{ background-color:#86B0B9 }
```

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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