

Converting Colors

Hex(86B1B3)

Have a look what the booklet for
Hex(86B1B3) contains.

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Color

Hex(86B1B3)

Conversions

Conversions Part 1

Format	Color
Hex	86B1B3
RGB	134, 177, 179
RGB Percent	53%, 69%, 70%
CMY	0.4745, 0.3059, 0.2980
CMYK	0.25, 0.01, 0.00, 0.30
HSL	183°, 23%, 61%
HSV	183°, 25%, 70%
XYZ	33.6903, 39.7673, 48.5480
YIQ	164.3710, -26.2700, -8.4940

Conversions

Conversions Part 2

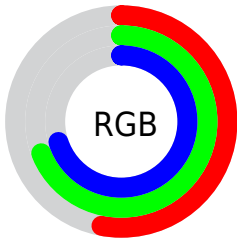
Format	Color
RYB	134, 156, 179
Decimal	8827315
CIELab	69.30, -13.83, -5.72
CIElCh	69, 14.967, 202.456
Yxy	39.7673, 0.2761, 0.3259
Android (android.graphics.Color)	4287017395 (0xFF86B1B3)
YUV	164.3710, 7.2121, -26.6354
Hunter-Lab	63.0613, -14.9941, -1.5017

Details

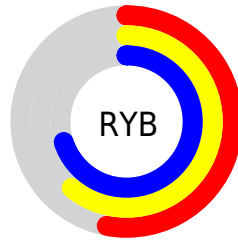
The Hex color **86B1B3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B38886**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **BCE9EB**, and **537C7E** is the 20% darker color. If you saturate the color by 10%, you get **74B0B3**, and if you desaturate by 10%, it is **98B2B3**.

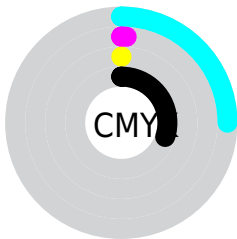
Distribution



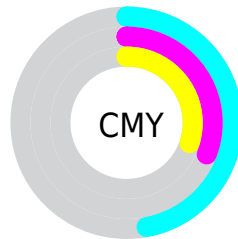
- Red (53%)
- Green (69%)
- Blue (70%)



- Red (53%)
- Yellow (61%)
- Blue (70%)



- Cyan (25%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)



- Cyan (47%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86B1B3 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 86B1B3 by changing the saturation by 10% instead.



86B1B3



86B1B3

FFFFFF



6C9698



BCE9EB



537C7E



D8FFFF



3A6365



F5FFFF



224B4D



063537



001F21



00000B



000000



86B1B3



86B1B3

74B0B3

98B2B3

62AFB3

AAB3B3

50AFB3

BCB3B3

3EAEB3

CEB4B3

2DADB3

DFB5B3

1BACB3

F1B6B3

09ABB3

FFB7B3

00ABB3

FFB8B3

Harmonies

Analogous

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



8CB1A5



86B1B3



8AAFBE

Triad

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



86B1B3



B8A3BA



B7A78F

Complementary

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



86B1B3



B38886

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.



C2A394



86B1B3



C3A0AD

Square

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



86B1B3



A7A7C2



C6A09F



A9AC90

Rectangle

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



86B1B3



91ADC3



C6A09F



BCA690

Sweetspot

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



86B1B3



D5E7E8



86B388



6A7575



F5F5F5



757575

Same Dimension

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



86B1B3



A2E5E8



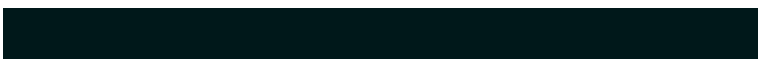
869BB3



505959



009299



00181A

Inverse Universe

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



B386B1



E8A2E5



B39E86



595059



990092



1A0018

Previews

White Background



This preview shows how the Hex color 86B1B3 looks on a white background.

Color Contrast Check

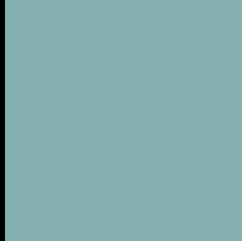
Large Text (above 18pt) WCAG AA × Fail

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 86B1B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

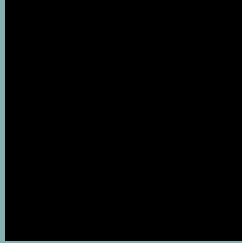
Any Text WCAG AA ✓ Pass

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 86B1B3 Background



This preview shows how black text looks on a background with the Hex color 86B1B3.

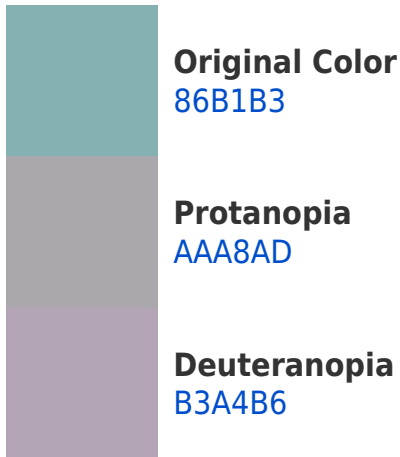


This preview shows how white text looks on a background with the Hex color 86B1B3.

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](#).

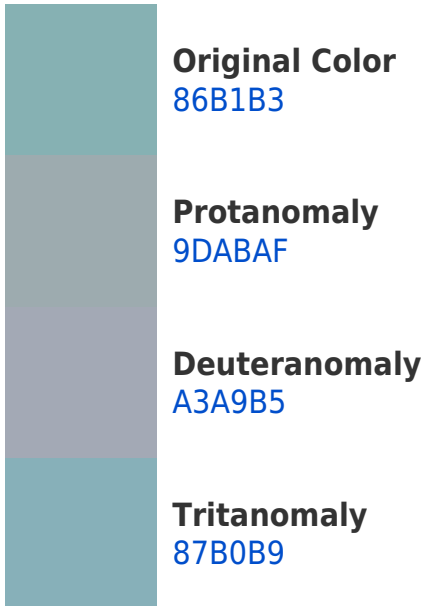
Dichromacy



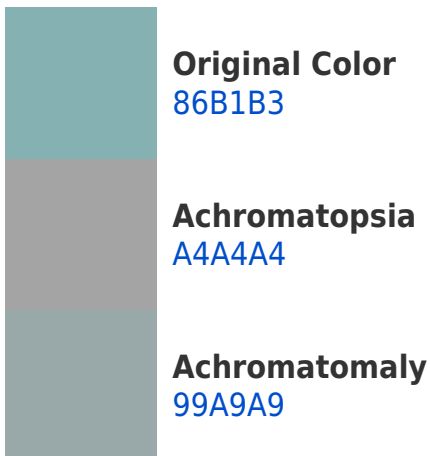


Tritanopia
88AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86B1B3 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 #86B1B3 looks like.

```
.text, #text, p{  
    color:#86B1B3  
}
```

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 #86B1B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86B1B3
}
```

Border

The CSS property to change the border of an element to Hex 86B1B3 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
#86B1B3 }
```

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

```
.border{ border-color:#86B1B3 }
```

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

Here you see how a box with a 4 pixel #86B1B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86B1B3; -webkit-box-shadow:4px 4px  
4px 4px #86B1B3; box-shadow:4px 4px 4px  
4px #86B1B3 }
```

Background

The CSS property to change the background color of an element to Hex 86B1B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86B1B3 }
```

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

```
.background{ background-color:#86B1B3 }
```

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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