

Converting Colors

Hex(86B5B1)

Have a look what the booklet for
Hex(86B5B1) contains.

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Color

Hex(86B5B1)

Conversions

Conversions Part 1

Format	Color
Hex	86B5B1
RGB	134, 181, 177
RGB Percent	53%, 71%, 69%
CMY	0.4745, 0.2902, 0.3059
CMYK	0.26, 0.00, 0.02, 0.29
HSL	175°, 24%, 62%
HSV	175°, 26%, 71%
XYZ	34.2912, 41.2904, 47.7575
YIQ	166.4910, -26.7280, -11.2080

Conversions

Conversions Part 2

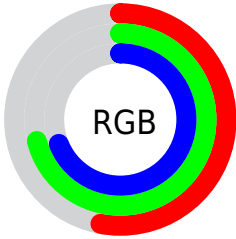
Format	Color
RYB	134, 159, 181
Decimal	8828337
CIELab	70.38, -16.38, -3.03
CIELCh	70, 16.654, 190.479
Yxy	41.2904, 0.2780, 0.3348
Android (android.graphics.Color)	4287018417 (0xFF86B5B1)
YUV	166.4910, 5.1809, -28.4946
Hunter-Lab	64.2576, -17.1939, 0.9149

Details

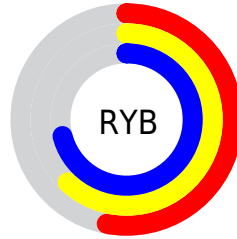
The Hex color **86B5B1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B5868A**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BCEDE9**, and **53807D** is the 20% darker color. If you saturate the color by 10%, you get **74B5AF**, and if you desaturate by 10%, it is **98B5B3**.

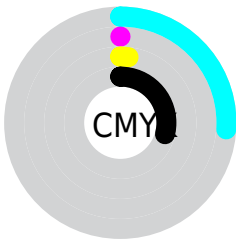
Distribution



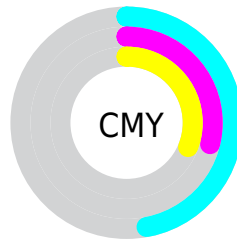
- Red (53%)
- Green (71%)
- Blue (69%)



- Red (53%)
- Yellow (62%)
- Blue (71%)



- Cyan (26%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



- Cyan (47%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86B5B1 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 86B5B1 by changing the saturation by 10% instead.



86B5B1



86B5B1

FFFFFF



6C9A96



BCEDE9



53807D



D8FFFF



3A6764



F5FFFF



214F4C



053835



002220



000309



000000



86B5B1



86B5B1

 74B5AF

 98B5B3

 62B5AE

 AAB5B4

 50B5AC

 BCB5B6

 3EB5AB

 CEB5B7

 2CB5A9

 E1B5B9

 19B5A8

 F3B5BA

 07B5A6

 FFB5BC

 00B5A6

 FFB5BD

 FFB5BF

Harmonies

Analogous

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



91B4A2



86B5B1



85B4BF

Triad

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



86B5B1



B5A7C3



C1A890

Complementary

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



86B5B1



B5868A

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.



CAA499



86B5B1



C4A3B7

Square

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



86B5B1



A2ACCA



CCA2A7



B3AD8E

Rectangle

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



86B5B1



8BB2C6



CCA2A7



C5A692

Sweetspot

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



86B5B1



D8EBE9



8BB586



6A7574



F5F5F5



757575

Same Dimension

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



86B5B1



A2EBE4



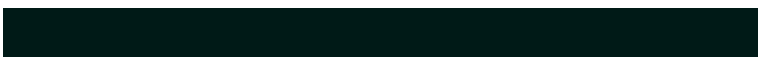
86A2B5



505958



00998C



001A17

Inverse Universe

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



B5868A



EBA2A8



B59986



595051



99000D



1A0002

Previews

White Background



This preview shows how the Hex color 86B5B1 looks on a white background.

Color Contrast Check

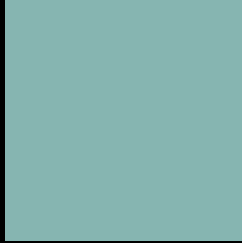
Large Text (above 18pt) WCAG AA × Fail

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 86B5B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

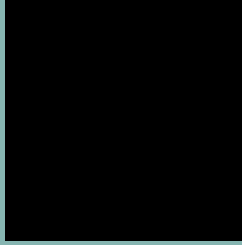
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

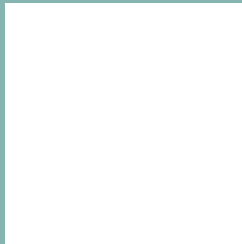
Any Text WCAG AAA ✓ Pass

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

Hex 86B5B1 Background



This preview shows how black text looks on a background with the Hex color 86B5B1.

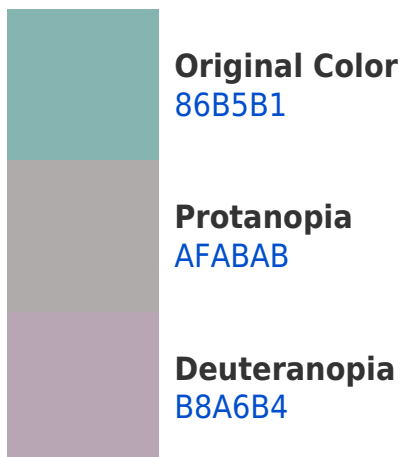


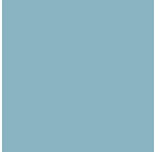
This preview shows how white text looks on a background with the Hex color 86B5B1.

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](#).

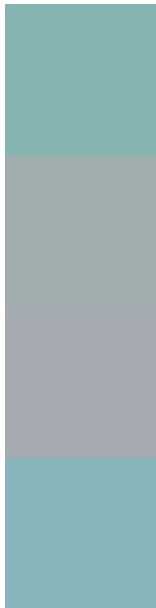
Dichromacy





Tritanopia
89B3C1

Trichromacy



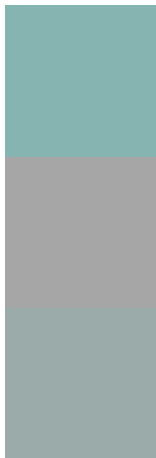
Original Color
86B5B1

Protanomaly
A0AFAD

Deuteranomaly
A6ABB3

Tritanomaly
88B4BB

Monochromacy



Original Color
86B5B1

Achromatopsia
A6A6A6

Achromatomaly
9AABAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 86B5B1 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 #86B5B1 looks like.

```
.text, #text, p{  
    color:#86B5B1  
}
```

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 #86B5B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86B5B1
}
```

Border

The CSS property to change the border of an element to Hex 86B5B1 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
#86B5B1 }
```

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

```
.border{ border-color:#86B5B1 }
```

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

Here you see how a box with a 4 pixel #86B5B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86B5B1; -webkit-box-shadow:4px 4px  
4px 4px #86B5B1; box-shadow:4px 4px 4px  
4px #86B5B1 }
```

Background

The CSS property to change the background color of an element to Hex 86B5B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86B5B1 }
```

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

```
.background{ background-color:#86B5B1 }
```

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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