

Converting Colors

Hex(86BDBB)

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

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Color

Hex(86BDBB)

Conversions

Conversions Part 1

Format	Color
Hex	86BDBB
RGB	134, 189, 187
RGB Percent	53%, 74%, 73%
CMY	0.4745, 0.2588, 0.2667
CMYK	0.29, 0.00, 0.01, 0.26
HSL	178°, 29%, 63%
HSV	178°, 29%, 74%
XYZ	36.9988, 45.0514, 53.7595
YIQ	172.3270, -32.1380, -12.2820

Conversions

Conversions Part 2

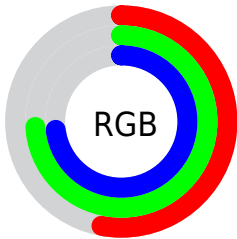
Format	Color
RYB	134, 162, 189
Decimal	8830395
CIELab	72.93, -18.22, -4.75
CIELCh	73, 18.832, 194.623
Yxy	45.0514, 0.2724, 0.3317
Android (android.graphics.Color)	4287020475 (0xFF86BDBB)
YUV	172.3270, 7.2338, -33.6128
Hunter-Lab	67.1203, -19.0660, -0.5036

Details

The Hex color **86BDBB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BD8688**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **BDF5F3**, and **528886** is the 20% darker color. If you saturate the color by 10%, you get **73BDBA**, and if you desaturate by 10%, it is **99BDBC**.

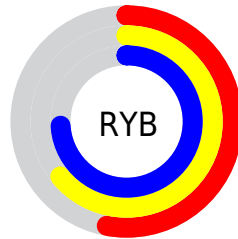
Distribution



Red (53%)

Green (74%)

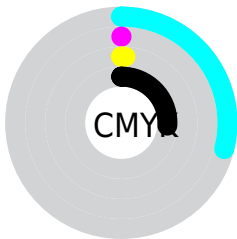
Blue (73%)



Red (53%)

Yellow (64%)

Blue (74%)

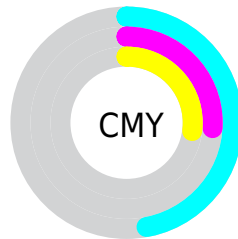


Cyan (29%)

Magenta (0%)

Yellow (1%)

Black (26%)



Cyan (47%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

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



86BDBB



86BDBB

FFFFFF



6CA2A0



BDF5F3



528886



D9FFFF



386E6D



F6FFFF



1E5654



003E3D



002828



001313



000000



86BDBB



86BDBB

 73BDBA

 99BDBC

 60BDBA

 ACBDBC

 4DBDB9

 BFBDBD

 3ABDB8

 D2BDBE

 27BDB8

 E5BDBE

 15BDB7

 F7BDBF

 02BDB6

 FFBDC0

 00BDB6

 FFBDC1

Harmonies

Analogous

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



92BCA9



86DBBB



87BBCB

Triad

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



86BDBB



C0ACCC



C9AF92

Complementary

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



86DBB



BD8688

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.



D4AA9B



86BDBB



D0A8BD

Square

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



86BDBB



ABB2D4



D7A7AB



B8B592

Rectangle

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



86BDBB



8FB9D2



D7A7AB



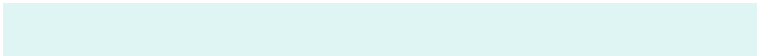
CDAD94

Sweetspot

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



86BDBB



DFF5F4



89BD86



6D7A7A



FAFAFA



7A7A7A

Same Dimension

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



86BDBB



9FF5F2



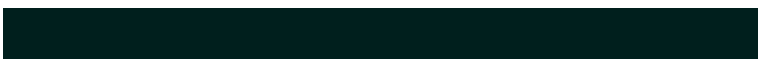
86A4BD



555E5E



009E98



001F1D

Inverse Universe

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



BD8688



F59FA2



BD9F86



5E5555



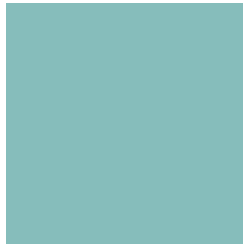
9E0006



1F0001

Previews

White Background



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

Color Contrast Check

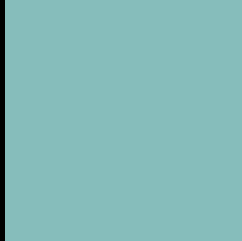
Large Text (above 18pt) WCAG AA × Fail

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 86BDBB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

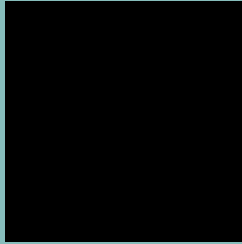
Any Text WCAG AA ✓ Pass

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 86BDBB Background



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

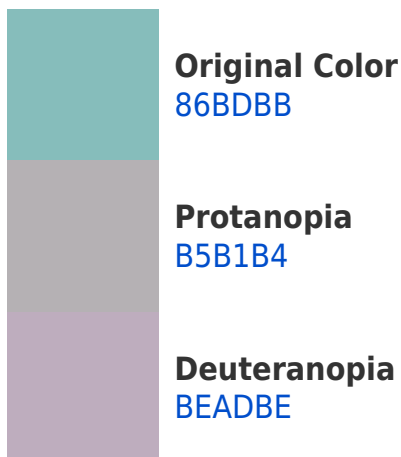


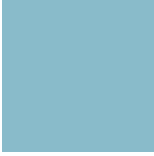
This preview shows how white text looks on a background with the Hex color 86BDBB.

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](#).

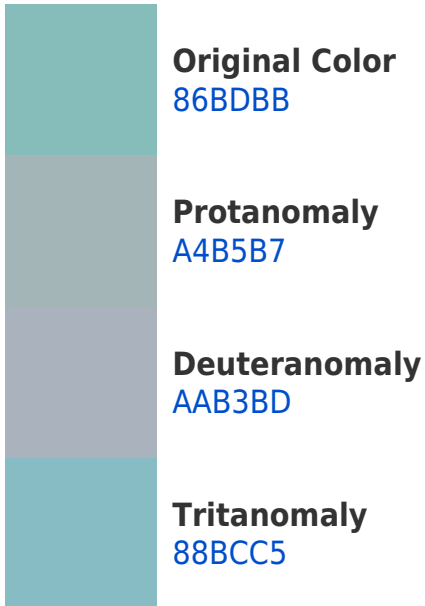
Dichromacy



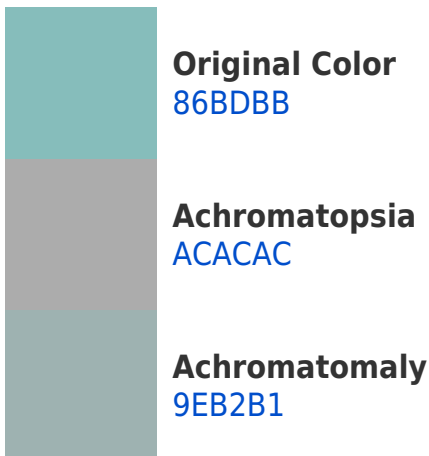


Tritanopia
89BBCA

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #86BDBB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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