

Converting Colors

Hex(86C6BA)

Have a look what the booklet for
Hex(86C6BA) contains.

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Color

Hex(86C6BA)

Conversions

Conversions Part 1

Format	Color
Hex	86C6BA
RGB	134, 198, 186
RGB Percent	53%, 78%, 73%
CMY	0.4745, 0.2235, 0.2706
CMYK	0.32, 0.00, 0.06, 0.22
HSL	169°, 36%, 65%
HSV	169°, 32%, 78%
XYZ	38.8885, 49.0017, 53.8630
YIQ	177.4960, -34.2920, -17.3000

Conversions

Conversions Part 2

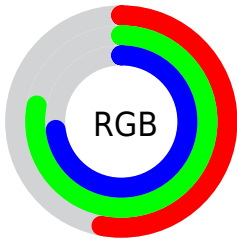
Format	Color
RYB	134, 169, 198
Decimal	8832698
CIELab	75.45, -23.00, -0.50
CIELCh	75, 23.005, 181.244
Yxy	49.0017, 0.2743, 0.3457
Android (android.graphics.Color)	4287022778 (0xFF86C6BA)
YUV	177.4960, 4.1925, -38.1460
Hunter-Lab	70.0012, -23.3380, 3.3797

Details

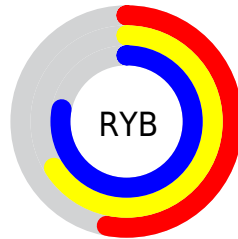
The Hex color **86C6BA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C68692**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **BDFFF2**, and **519085** is the 20% darker color. If you saturate the color by 10%, you get **72C6B6**, and if you desaturate by 10%, it is **9AC6BE**.

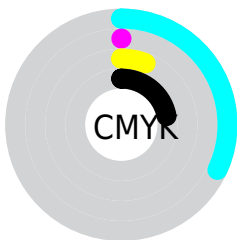
Distribution



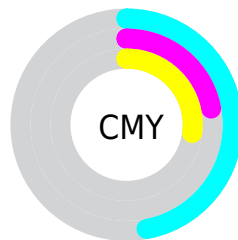
- Red (53%)
- Green (78%)
- Blue (73%)



- Red (53%)
- Yellow (66%)
- Blue (78%)



- Cyan (32%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (47%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86C6BA 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 86C6BA by changing the saturation by 10% instead.

 86C6BA

 86C6BA

FFFFFF

 6BAB9F

 BDFFF2

 519085

 DAFFFF

 37766C

 F7FFFF

 1B5D54

 00453C

 002E27

 001C12

 000000

 86C6BA

 86C6BA

 72C6B6

 9AC6BE

 5EC6B3

 AEC6C1

 4BC6AF

 C1C6C5

 37C6AB

 D5C6C9

 23C6A7

 E9C6CD

 0FC6A4

 FDC6D0

 00C6A1

 FFC6D4

 FFC6D8

 FFC6DB

Harmonies

Analogous

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



9AC4A5



86C6BA



7EC5CF

Triad

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



86C6BA



BFB4DE



DBB295

Complementary

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



86C6BA



C68692

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.



E5ACA5



86C6BA



D6AECF

Square

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



86C6BA



A2BBE4



E4ABBA



C9B990

Rectangle

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



86C6BA



84C3DA



E4ABBA



E0B09A

Sweetspot

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



86C6BA



E6FFFA



93C686



70807D



000000



808080

Same Dimension

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



86C6BA



9CFFEC



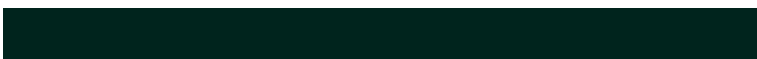
86B3C6



5A6362



00A385



00241D

Inverse Universe

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



C68692



FF9CAE



C69986



635A5B



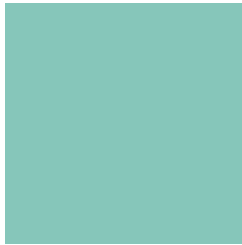
A3001F



240007

Previews

White Background



This preview shows how the Hex color 86C6BA looks on a white background.

Color Contrast Check

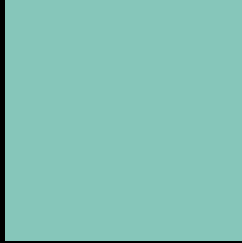
Large Text (above 18pt) WCAG AA × Fail

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 86C6BA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

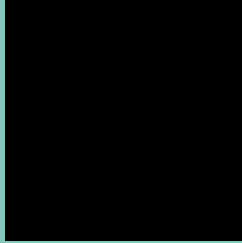
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

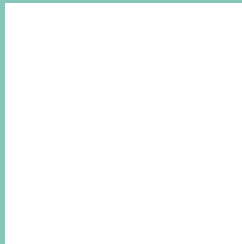
Any Text WCAG AAA ✓ Pass

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

Hex 86C6BA Background



This preview shows how black text looks on a background with the Hex color 86C6BA.



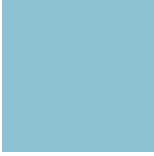
This preview shows how white text looks on a background with the Hex color 86C6BA.

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](#).

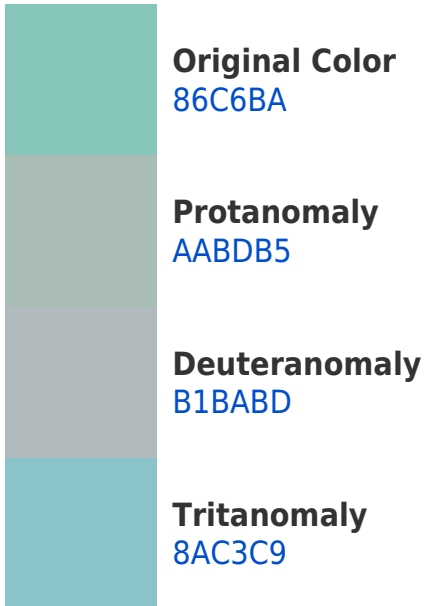
Dichromacy



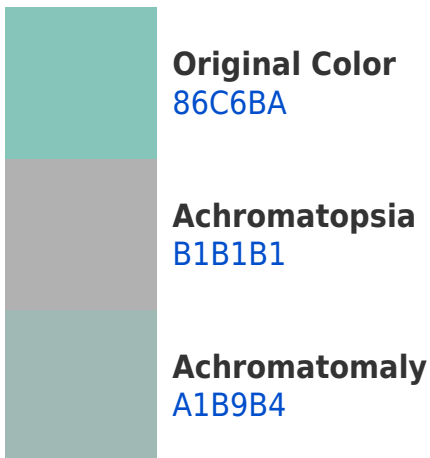


Tritanopia
8CC2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86C6BA 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 #86C6BA looks like.

```
.text, #text, p{  
    color:#86C6BA  
}
```

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 #86C6BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C6BA
}
```

Border

The CSS property to change the border of an element to Hex 86C6BA 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
#86C6BA }
```

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

```
.border{ border-color:#86C6BA }
```

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

Here you see how a box with a 4 pixel #86C6BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C6BA; -webkit-box-shadow:4px 4px  
4px 4px #86C6BA; box-shadow:4px 4px 4px  
4px #86C6BA }
```

Background

The CSS property to change the background color of an element to Hex 86C6BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C6BA }
```

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

```
.background{ background-color:#86C6BA }
```

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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