

Converting Colors

Hex(8EBCBA)

Have a look what the booklet for
Hex(8EBCBA) contains.

Hex(8EBCBA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8EBCBA)

Conversions

Conversions Part 1

Format	Color
Hex	8EBCBA
RGB	142, 188, 186
RGB Percent	56%, 74%, 73%
CMY	0.4431, 0.2627, 0.2706
CMYK	0.24, 0.00, 0.01, 0.26
HSL	177°, 26%, 65%
HSV	177°, 24%, 74%
XYZ	38.0015, 45.2624, 53.1880
YIQ	174.0180, -26.7740, -10.3740

Conversions

Conversions Part 2

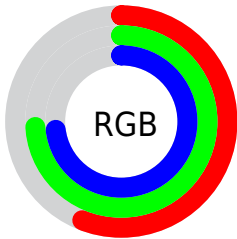
Format	Color
RYB	142, 166, 188
Decimal	9354426
CIELab	73.06, -15.55, -3.95
CIElCh	73, 16.045, 194.263
Yxy	45.2624, 0.2785, 0.3317
Android (android.graphics.Color)	4287544506 (0xFF8EBCBA)
YUV	174.0180, 5.9071, -28.0798
Hunter-Lab	67.2773, -16.9099, 0.2207

Details

The Hex color **8EBCBA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BC8E90**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **C5F4F2**, and **5A8785** is the 20% darker color. If you saturate the color by 10%, you get **7BBCB9**, and if you desaturate by 10%, it is **A1BCBB**.

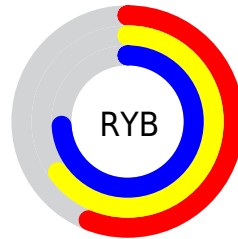
Distribution



Red (56%)

Green (74%)

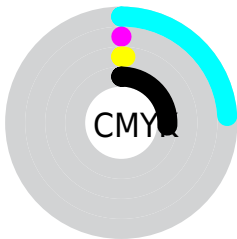
Blue (73%)



Red (56%)

Yellow (65%)

Blue (74%)

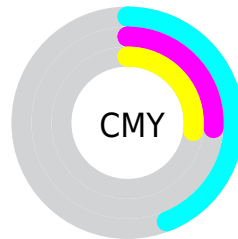


Cyan (24%)

Magenta (0%)

Yellow (1%)

Black (26%)



Cyan (44%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EBCBA 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 8EBCBA by changing the saturation by 10% instead.



8EBCBA



8EBCBA

FFFFFF



74A19F



C5F4F2



5A8785



E1FFFF



416D6C

FEFFFF



295554



0F3D3C



002727



001312



000000



8EBCBA



8EBCBA

 7BBCB9

 A1BCBB

 68BCB8

 B4BCBC

 56BCB8

 C6BCBC

 43BCB7

 D9BCBD

 30BCB6

 ECBCBE

 1DBC B5

 FFBCBF

 0ABC B4

 FFBC C0

 00BC B4

 FFBC C1

Harmonies

Analogous

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



97BBAB



8EBCBA



8FBAC7

Triad

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



8EBCBA



BFADC8



C6B097

Complementary

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



8EBCBA



BC8E90

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.



D0AC9F



8EBCBA



CCAABC

Square

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



8EBCBA



ACB2D0



D2A9AD



B8B597

Rectangle

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



8EBCBA



95B8CD



D2A9AD



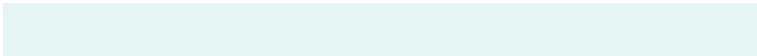
CAAE99

Sweetspot

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



8EBCBA



E4F5F4



90BC8E



717A7A



FAFAFA



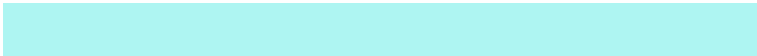
7A7A7A

Same Dimension

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



8EBCBA



AEF5F2



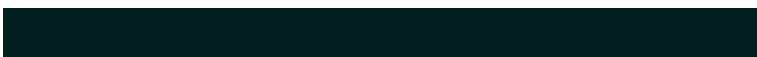
8EA7BC



555E5E



009E97



001F1D

Inverse Universe

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



BC8E90



F5AEB1



BCA38E



5E5555



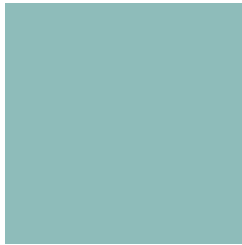
9E0007



1F0001

Previews

White Background



This preview shows how the Hex color 8EBCBA looks on a white background.

Color Contrast Check

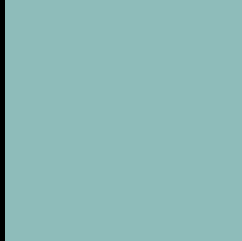
Large Text (above 18pt) WCAG AA × Fail

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 8EBCBA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

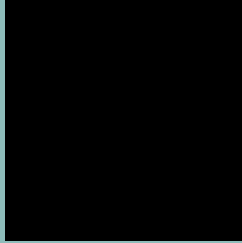
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

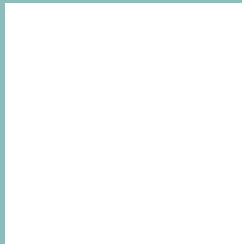
Any Text WCAG AAA ✓ Pass

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

Hex 8EBCBA Background



This preview shows how black text looks on a background with the Hex color 8EBCBA.



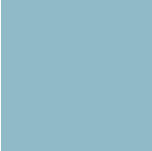
This preview shows how white text looks on a background with the Hex color 8EBCBA.

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](#).

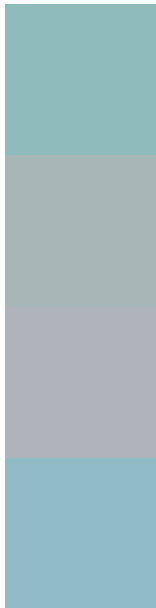
Dichromacy





Tritanopia
91BAC9

Trichromacy



Original Color
8EBCBA

Protanomaly
A7B6B6

Deuteranomaly
AEB3BC

Tritanomaly
90BBC4

Monochromacy



Original Color
8EBCBA

Achromatopsia
AEAEAE

Achromatomaly
A2B3B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EBCBA 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 #8EBCBA looks like.

```
.text, #text, p{  
    color:#8EBCBA  
}
```

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 #8EBCBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EBCBA
}
```

Border

The CSS property to change the border of an element to Hex 8EBCBA 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
#8EBCBA }
```

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

```
.border{ border-color:#8EBCBA }
```

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

Here you see how a box with a 4 pixel #8EBCBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EBCBA; -webkit-box-shadow:4px 4px  
4px 4px #8EBCBA; box-shadow:4px 4px 4px  
4px #8EBCBA }
```

Background

The CSS property to change the background color of an element to Hex 8EBCBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EBCBA }
```

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

```
.background{ background-color:#8EBCBA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor