

Converting Colors

Hex(8EC5B6)

Have a look what the booklet for
Hex(8EC5B6) contains.

Hex(8EC5B6)	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(8EC5B6)

Conversions

Conversions Part 1

Format	Color
Hex	8EC5B6
RGB	142, 197, 182
RGB Percent	56%, 77%, 71%
CMY	0.4431, 0.2275, 0.2863
CMYK	0.28, 0.00, 0.08, 0.23
HSL	164°, 32%, 66%
HSV	164°, 28%, 77%
XYZ	39.5651, 49.0607, 51.6403
YIQ	178.8450, -27.9650, -16.3250

Conversions

Conversions Part 2

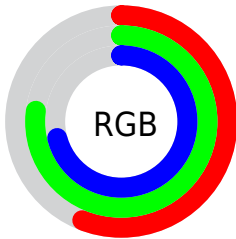
Format	Color
RYB	142, 174, 197
Decimal	9356726
CIELab	75.49, -21.02, 1.77
CIELCh	75, 21.092, 175.186
Yxy	49.0607, 0.2821, 0.3498
Android (android.graphics.Color)	4287546806 (0xFF8EC5B6)
YUV	178.8450, 1.5554, -32.3131
Hunter-Lab	70.0433, -21.7473, 5.3180

Details

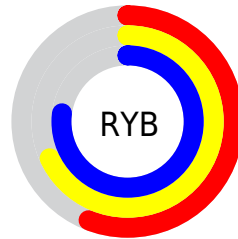
The Hex color **8EC5B6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C58E9D**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **C5FEEE**, and **5A8F81** is the 20% darker color. If you saturate the color by 10%, you get **7AC5B1**, and if you desaturate by 10%, it is **A2C5BB**.

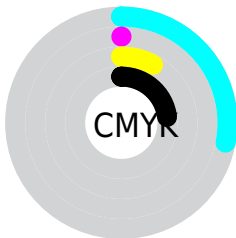
Distribution



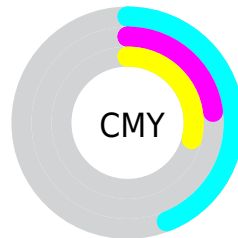
- Red (56%)
- Green (77%)
- Blue (71%)



- Red (56%)
- Yellow (68%)
- Blue (77%)



- Cyan (28%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)



- Cyan (44%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EC5B6 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 8EC5B6 by changing the saturation by 10% instead.

 8EC5B6

 8EC5B6

FFFFFF

 74AA9B

 C5FEEE

 5A8F81

 E1FFFF

 417568

FEFFFF

 275C50

 0B4539

 002E24

 001B0E

 000000

 8EC5B6

 8EC5B6

 7AC5B1

 A2C5BB

 67C5AB

 B5C5C1

 53C5A6

 C9C5C6

 3FC5A1

 DDC5CB

 2CC59B

 F1C5D1

 18C596

 FFC5D6

 04C590

 FFC5DC

 00C58F

 FFC5E1

 FFC5E6

Harmonies

Analogous

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



A1C3A3



8EC5B6



85C5CA

Triad

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



8EC5B6



B9B6DD



DBB19B

Complementary

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



8EC5B6



C58E9D

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.



E2ADAA



8EC5B6



D0B0D0

Square

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



8EC5B6



9FBDE0



DFADBE



CCB893

Rectangle

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



8EC5B6



87C3D5



DFADBE



DFB09F

Sweetspot

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



8EC5B6



EBFFF9



9EC58E



73807C



000000



808080

Same Dimension

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



8EC5B6



A8FFE7



8EB9C5



5A6361



00A377



00241A

Inverse Universe

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



C58E9D



FFA8C0



C59A8E



635A5C



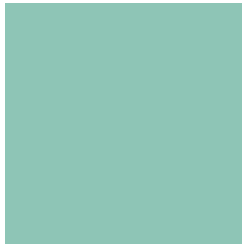
A3002D



24000A

Previews

White Background



This preview shows how the Hex color 8EC5B6 looks on a white background.

Color Contrast Check

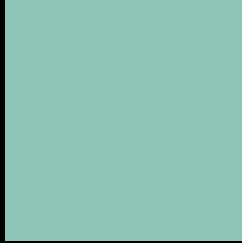
Large Text (above 18pt) WCAG AA × Fail

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 8EC5B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

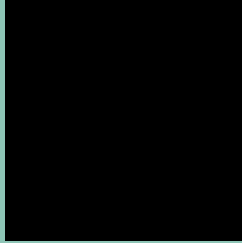
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

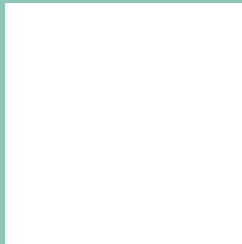
Any Text WCAG AAA ✓ Pass

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

Hex 8EC5B6 Background



This preview shows how black text looks on a background with the Hex color 8EC5B6.



This preview shows how white text looks on a background with the Hex color 8EC5B6.

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](#).

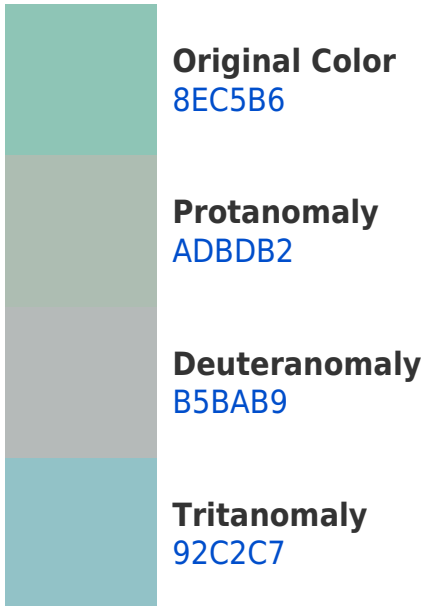
Dichromacy



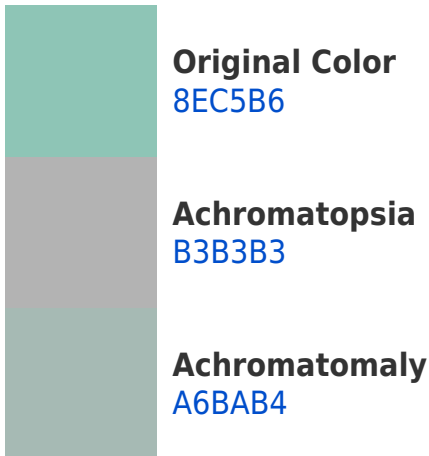


Tritanopia
94C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8EC5B6 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 #8EC5B6 looks like.

```
.text, #text, p{  
    color:#8EC5B6  
}
```

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 #8EC5B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EC5B6  
}
```

Border

The CSS property to change the border of an element to Hex 8EC5B6 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  
#8EC5B6 }
```

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

```
.border{ border-color:#8EC5B6 }
```

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

Here you see how a box with a 4 pixel #8EC5B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EC5B6; -webkit-box-shadow:4px 4px  
4px 4px #8EC5B6; box-shadow:4px 4px 4px  
4px #8EC5B6 }
```

Background

The CSS property to change the background color of an element to Hex 8EC5B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EC5B6 }
```

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

```
.background{ background-color:#8EC5B6 }
```

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