

# Converting Colors

Hex(8ECBB9)

Have a look what the booklet for  
Hex(8ECBB9) contains.

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# **Color**

**Hex(8ECBB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8ECBB9
RGB	142, 203, 185
RGB Percent	56%, 80%, 73%
CMY	0.4431, 0.2039, 0.2745
CMYK	0.30, 0.00, 0.09, 0.20
HSL	162°, 37%, 68%
HSV	162°, 30%, 80%
XYZ	41.2682, 51.9654, 53.7542
YIQ	182.7090, -30.5780, -18.5300

# Conversions

## Conversions Part 2

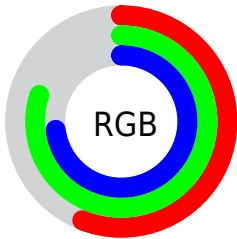
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 178, 203
Decimal	9358265
CIELab	77.26, -23.37, 2.72
CIElCh	77, 23.528, 173.351
Yxy	51.9654, 0.2808, 0.3535
Android (android.graphics.Color)	4287548345 (0xFF8ECBB9)
YUV	182.7090, 1.1295, -35.7018
Hunter-Lab	72.0871, -23.9651, 6.2493

# Details

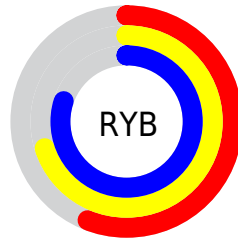
The Hex color **8ECBB9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CB8EA0**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **C5FFF1**, and **599584** is the 20% darker color. If you saturate the color by 10%, you get **7ACBB3**, and if you desaturate by 10%, it is **A2CBBF**.

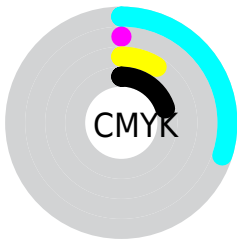
# Distribution



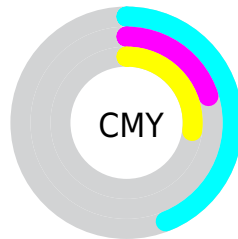
- Red (56%)
- Green (80%)
- Blue (73%)



- Red (56%)
- Yellow (70%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)



- Cyan (44%)
- Magenta (20%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8ECBB9 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 8ECBB9 by changing the saturation by 10% instead.



 8ECBB9

 8ECBB9

FFFFFF

 73AF9E

 C5FFF1

 599584

 E2FFFF

 407B6B

 266253

 07493C

 003226

 001F11

 000000

 8ECBB9

 8ECBB9

 7ACBB3

 A2CBBF

 65CBAD

 B7CBC5

 51CBA7

 CBCBCB

 3DCBA1

 DFCBD1

 29CB9B

 F4CBD7

 14CB95

 FFCBDD

 00CB8F

 FFCBE3

 FFCBE9

 FFCBEF

# Harmonies

## Analogous

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



A4C8A4



8ECBB9



82CBCF

# Triad

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



8ECBB9



BCBBE7



E5B59D

# Complementary

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



8ECBB9



CB8EA0

# 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.



ECB0AF



8ECBB9



D6B4D9

# Square

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



8ECBB9



9FC2EA



E7B0C5



D4BC94

# Rectangle

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



8ECBB9



84C9DC



E7B0C5



E8B3A2

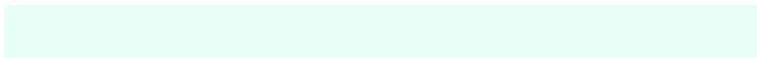


# Sweetspot

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



8ECBB9



E8FFF8



A0CB8E



71807B



000000



808080

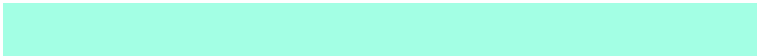


# Same Dimension

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



8ECBB9



A3FFE4



8EBFCB



5C6663



00A675



00261B



# Inverse Universe

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



CB8EA0



FFA3BE



CB9A8E



665C5F



A60031

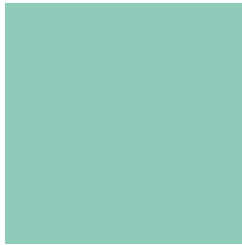


26000B



# Previews

## White Background



This preview shows how the Hex color 8ECBB9 looks on a white background.

## Color Contrast Check

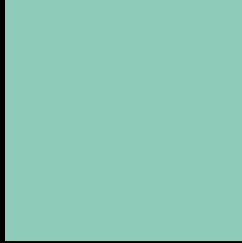
Large Text (above 18pt) WCAG AA × Fail

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 8ECBB9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

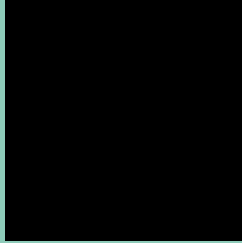
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

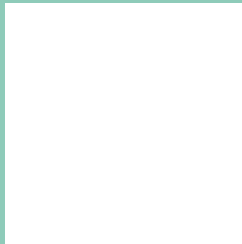
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8ECBB9 Background



This preview shows how black text looks on a background with the Hex color 8ECBB9.

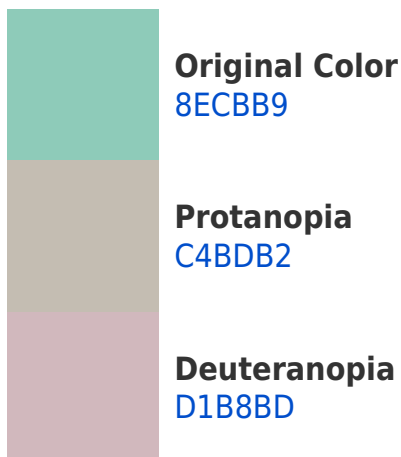


This preview shows how white text looks on a background with the Hex color 8ECBB9.

# 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



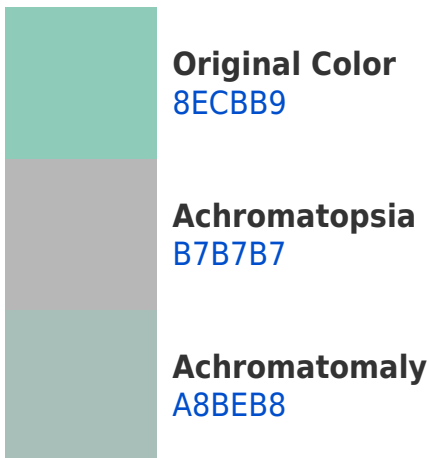


**Tritanopia**  
94C7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8ECBB9 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 #8ECBB9 looks like.

```
.text, #text, p{  
    color:#8ECBB9  
}
```

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 #8ECBB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ECBB9
}
```

## Border

The CSS property to change the border of an element to Hex 8ECBB9 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
#8ECBB9 }
```

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

```
.border{ border-color:#8ECBB9 }
```

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

Here you see how a box with a 4 pixel #8ECBB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ECBB9; -webkit-box-shadow:4px 4px  
4px 4px #8ECBB9; box-shadow:4px 4px 4px  
4px #8ECBB9 }
```

# Background

The CSS property to change the background color of an element to Hex 8ECBB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ECBB9 }
```

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

```
.background{ background-color:#8ECBB9 }
```

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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