

# Converting Colors

Hex(8EC9B6)

Have a look what the booklet for  
Hex(8EC9B6) contains.

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# **Color**

**Hex(8EC9B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EC9B6
RGB	142, 201, 182
RGB Percent	56%, 79%, 71%
CMY	0.4431, 0.2118, 0.2863
CMYK	0.29, 0.00, 0.09, 0.21
HSL	161°, 35%, 67%
HSV	161°, 29%, 79%
XYZ	40.4855, 50.9015, 51.9471
YIQ	181.1930, -29.0650, -18.4170

# Conversions

## Conversions Part 2

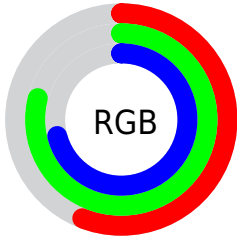
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 177, 201
Decimal	9357750
CIELab	76.62, -23.02, 3.41
CIELCh	77, 23.268, 171.571
Yxy	50.9015, 0.2825, 0.3551
Android (android.graphics.Color)	4287547830 (0xFF8EC9B6)
YUV	181.1930, 0.3979, -34.3723
Hunter-Lab	71.3453, -23.5629, 6.7721

# Details

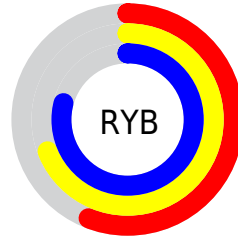
The Hex color **8EC9B6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C98EA1**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **C5FFEE**, and **5A9381** is the 20% darker color. If you saturate the color by 10%, you get **7AC9B0**, and if you desaturate by 10%, it is **A2C9BC**.

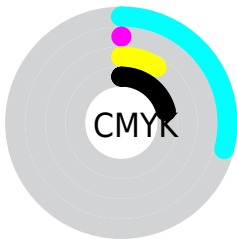
# Distribution



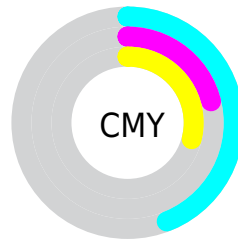
- Red (56%)
- Green (79%)
- Blue (71%)



- Red (56%)
- Yellow (69%)
- Blue (79%)



- Cyan (29%)
- Magenta (0%)
- Yellow (9%)
- Black (21%)



- Cyan (44%)
- Magenta (21%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EC9B6 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 8EC9B6 by changing the saturation by 10% instead.



 8EC9B6

 8EC9B6

FFFFFF

 73AE9B

 C5FFEE

 5A9381

 E2FFFF

 407968

 276050

 094839

 003124

 001E0E

 000000

 8EC9B6

 8EC9B6

 7AC9B0

 A2C9BC

 66C9A9

 B6C9C3

 52C9A3

 CAC9C9

 3EC99C

 DEC9D0

 2AC996

 F3C9D6

 15C98F

 FFC9DD

 01C989

 FFC9E3

 00C988

 FFC9EA

 FFC9F0

# Harmonies

## Analogous

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



A4C6A2



8EC9B6



81C9CC

# Triad

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



8EC9B6



B9BAE5



E3B39C

# Complementary

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



8EC9B6



C98EA1

# 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.



EAAEAE



8EC9B6



D3B3D8

# Square

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



8EC9B6



9CC1E7



E4AEC4



D3BA93

# Rectangle

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



8EC9B6



82C8D9



E4AEC4



E7B1A1

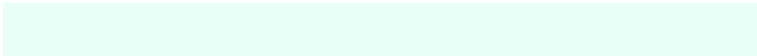


# Sweetspot

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



8EC9B6



E8FFF8



A2C98E



71807B



000000



808080

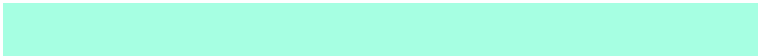


# Same Dimension

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



8EC9B6



A6FFE2



8EBFC9



5A6360



00A36F



002418



# Inverse Universe

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



C98EA1



FFA6C2



C9988E



635A5D



A30035

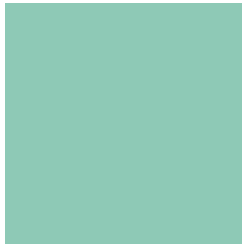


24000B



# Previews

## White Background



This preview shows how the Hex color 8EC9B6 looks on a white background.

## Color Contrast Check

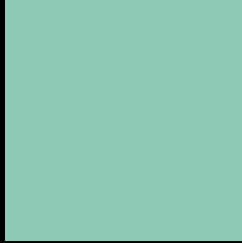
Large Text (above 18pt) WCAG AA × Fail

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 8EC9B6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

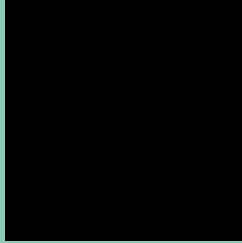
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8EC9B6 Background



This preview shows how black text looks on a background with the Hex color 8EC9B6.



This preview shows how white text looks on a background with the Hex color 8EC9B6.

# 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](#).

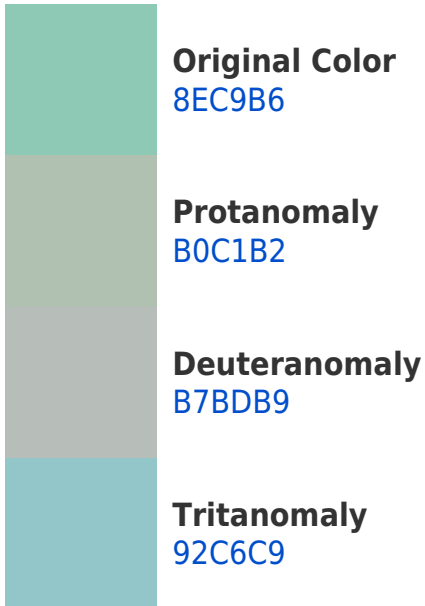
## Dichromacy



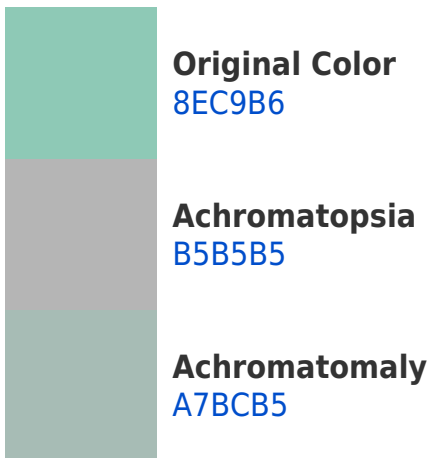


**Tritanopia**  
94C5D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EC9B6 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 #8EC9B6 looks like.

```
.text, #text, p{  
    color:#8EC9B6  
}
```

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 #8EC9B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EC9B6
}
```

## Border

The CSS property to change the border of an element to Hex 8EC9B6 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
#8EC9B6 }
```

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

```
.border{ border-color:#8EC9B6 }
```

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

Here you see how a box with a 4 pixel #8EC9B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EC9B6; -webkit-box-shadow:4px 4px  
4px 4px #8EC9B6; box-shadow:4px 4px 4px  
4px #8EC9B6 }
```

# Background

The CSS property to change the background color of an element to Hex 8EC9B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EC9B6 }
```

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

```
.background{ background-color:#8EC9B6 }
```

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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