

Converting Colors

Hex(8EC4A8)

Have a look what the booklet for
Hex(8EC4A8) contains.

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Color

Hex(8EC4A8)

Conversions

Conversions Part 1

Format	Color
Hex	8EC4A8
RGB	142, 196, 168
RGB Percent	56%, 77%, 66%
CMY	0.4431, 0.2314, 0.3412
CMYK	0.28, 0.00, 0.14, 0.23
HSL	149°, 31%, 66%
HSV	149°, 28%, 77%
XYZ	37.9631, 48.0578, 44.3210
YIQ	176.6620, -23.1960, -20.1560

Conversions

Conversions Part 2

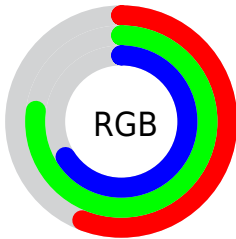
Format	Color
RYB	142, 178, 196
Decimal	9356456
CIELab	74.86, -23.42, 8.44
CIELCh	75, 24.893, 160.193
Yxy	48.0578, 0.2913, 0.3687
Android (android.graphics.Color)	4287546536 (0xFF8EC4A8)
YUV	176.6620, -4.2704, -30.3986
Hunter-Lab	69.3237, -23.5661, 10.6205

Details

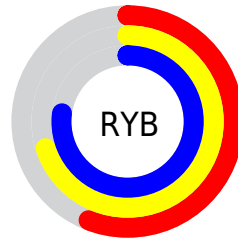
The Hex color **8EC4A8** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C48EAA**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **C5FDDF**, and **5A8E74** is the 20% darker color. If you saturate the color by 10%, you get **7AC49E**, and if you desaturate by 10%, it is **A2C4B2**.

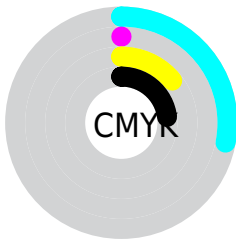
Distribution



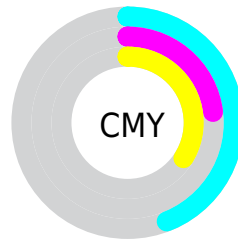
- Red (56%)
- Green (77%)
- Blue (66%)



- Red (56%)
- Yellow (70%)
- Blue (77%)



- Cyan (28%)
- Magenta (0%)
- Yellow (14%)
- Black (23%)



- Cyan (44%)
- Magenta (23%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EC4A8 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 8EC4A8 by changing the saturation by 10% instead.



8EC4A8



8EC4A8

FFFFFF



74A98E



C5FDDF



5A8E74



E1FFFC



41745B

FEFFFF



285B44



0E442E



002D19



001A00



000000



8EC4A8



8EC4A8

 7AC49E

 A2C4B2

 67C494

 B5C4BC

 53C48A

 C9C4C6

 40C47F

 DCC4D1

 2CC475

 F0C4DB

 18C46B

 FFC4E5

 05C461

 FFC4EF

 00C45E

 FFC4F9

 FFC4FF

Harmonies

Analogous

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



A8C095



8EC4A8



7BC5BF

Triad

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



8EC4A8



A7B8E5



E4AB9C

Complementary

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



8EC4A8



C48EAA

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.



E7A8B1



8EC4A8



C6B0DB

Square

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



8EC4A8



89BFE3



DCAAC8



D7B28E

Rectangle

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



8EC4A8



76C5CE



DCAAC8



E7A9A2

Sweetspot

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



8EC4A8



EBFFF4



ABC48E



738079



000000



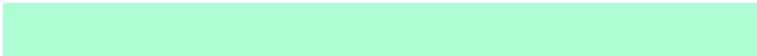
808080

Same Dimension

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



8EC4A8



ABFFD3



8EC4C2



57615C



00A14D



002110

Inverse Universe

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



C48EAA



FFABD6



C48E90



61575C



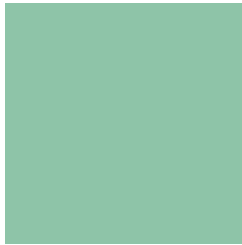
A10053



210011

Previews

White Background



This preview shows how the Hex color 8EC4A8 looks on a white background.

Color Contrast Check

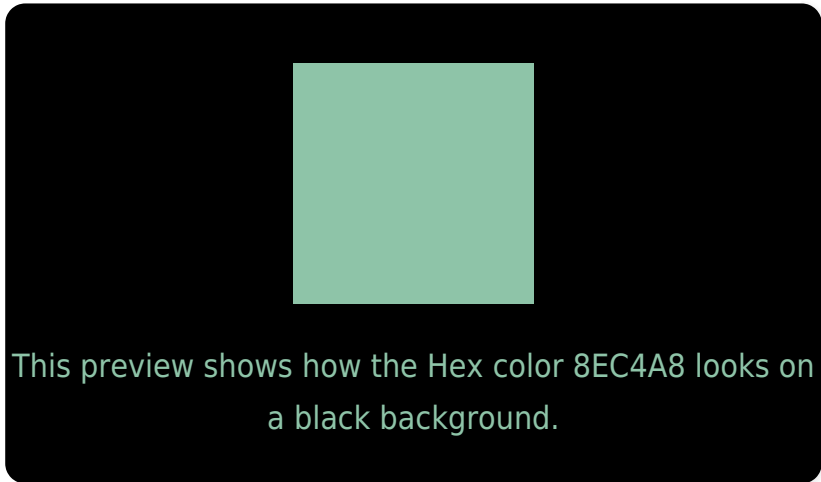
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

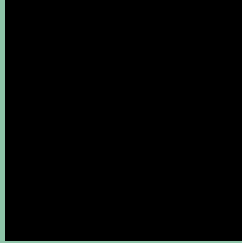
Any Text WCAG AA ✓ Pass

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 8EC4A8 Background



This preview shows how black text looks on a background with the Hex color 8EC4A8.

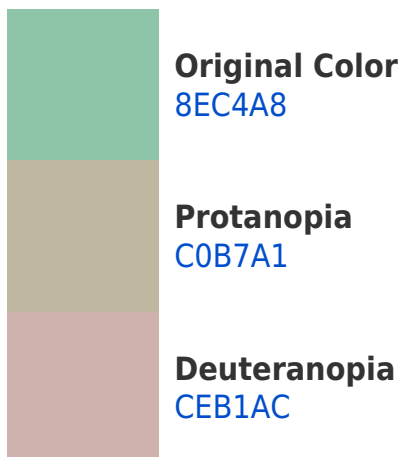


This preview shows how white text looks on a background with the Hex color 8EC4A8.

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](#).

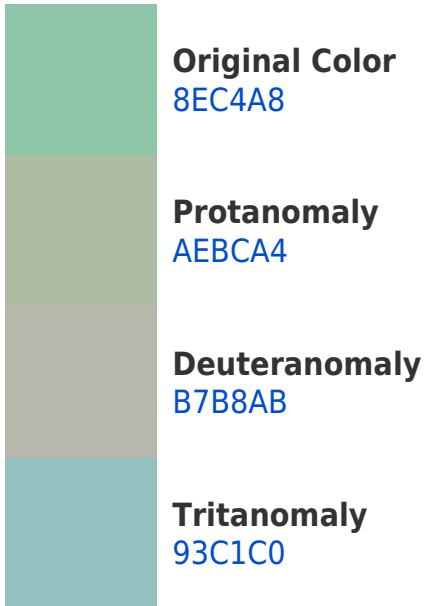
Dichromacy



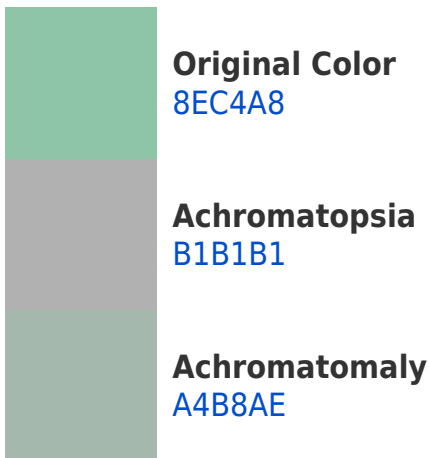


Tritanopia
96BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8EC4A8 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 #8EC4A8 looks like.

```
.text, #text, p{  
    color:#8EC4A8  
}
```

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 #8EC4A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EC4A8
}
```

Border

The CSS property to change the border of an element to Hex 8EC4A8 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
#8EC4A8 }
```

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

```
.border{ border-color:#8EC4A8 }
```

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

Here you see how a box with a 4 pixel #8EC4A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EC4A8; -webkit-box-shadow:4px 4px  
4px 4px #8EC4A8; box-shadow:4px 4px 4px  
4px #8EC4A8 }
```

Background

The CSS property to change the background color of an element to Hex 8EC4A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EC4A8 }
```

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

```
.background{ background-color:#8EC4A8 }
```

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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