

Converting Colors

Hex(98E0B2)

Have a look what the booklet for
Hex(98E0B2) contains.

Hex(98E0B2)	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(98E0B2)

Conversions

Conversions Part 1

Format	Color
Hex	98E0B2
RGB	152, 224, 178
RGB Percent	60%, 88%, 70%
CMY	0.4039, 0.1216, 0.3020
CMYK	0.32, 0.00, 0.21, 0.12
HSL	142°, 54%, 74%
HSV	142°, 32%, 88%
XYZ	47.6404, 63.2011, 51.8076
YIQ	197.2280, -28.1460, -29.5700

Conversions

Conversions Part 2

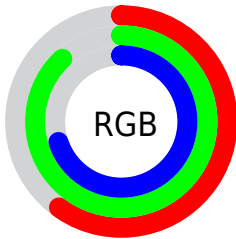
Format	Color
R _{YB}	152, 205, 224
Decimal	10018994
CIE _{Lab}	83.55, -31.91, 15.50
CIE _{LCh}	84, 35.475, 154.097
Yxy	63.2011, 0.2929, 0.3886
Android (android.graphics.Color)	4288209074 (0xFF98E0B2)
YUV	197.2280, -9.4794, -39.6650
Hunter-Lab	79.4991, -32.1559, 17.0115

Details

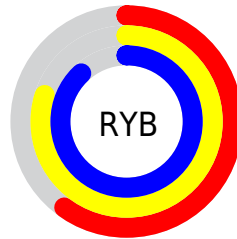
The Hex color **98E0B2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E098C6**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D0FFEA**, and **62A87D** is the 20% darker color. If you saturate the color by 10%, you get **82E0A4**, and if you desaturate by 10%, it is **AEE0C0**.

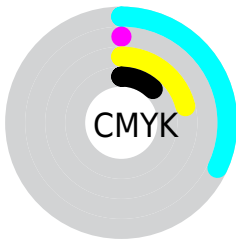
Distribution



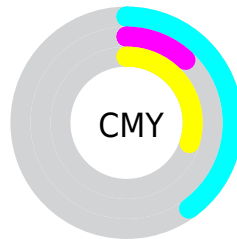
- Red (60%)
- Green (88%)
- Blue (70%)



- Red (60%)
- Yellow (80%)
- Blue (88%)



- Cyan (32%)
- Magenta (0%)
- Yellow (21%)
- Black (12%)



- Cyan (40%)
- Magenta (12%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98E0B2 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 98E0B2 by changing the saturation by 10% instead.

 98E0B2

 98E0B2

FFFFFF

 7DC497

 D0FFEA

 62A87D

 EDFFFF

 488E64

 2E744C

 0F5B35

 004320

 002C09

 001500

 000000

 98E0B2

 98E0B2

 82E0A4

 AEE0C0

 6BE095

 C5E0CF

 55E087

 DBE0DD

 3EE079

 F2E0EB

 28E06A

 FFE0FA

 12E05C

 FFE0FF

 00E051

Harmonies

Analogous

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



BFD998



98E0B2



74E3D4

Triad

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



98E0B2



ABD2FF



FFBBAC

Complementary

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



98E0B2



E098C6

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.



FFB7CD



98E0B2



DBC6FF

Square

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



98E0B2



7BDBFF



FFBCEE



FFC495

Rectangle

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



98E0B2



65E2EA



FFBCEE



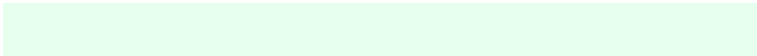
FFB9B7

Sweetspot

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



98E0B2



E6FFEF



C7E098



708076



000000



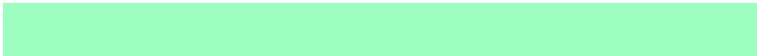
808080

Same Dimension

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



98E0B2



9CFFBF



98E0D5



657069



00B040



003011

Inverse Universe

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



E098C6



FF9CDB



E098A3



70656C



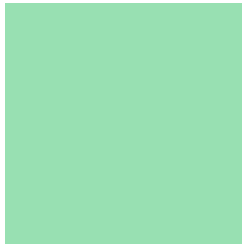
B00070



30001F

Previews

White Background



This preview shows how the Hex color 98E0B2 looks on a white background.

Color Contrast Check

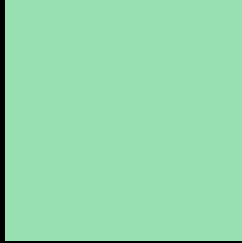
Large Text (above 18pt) WCAG AA × Fail

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 98E0B2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

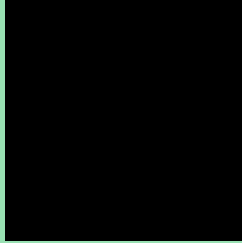
Any Text WCAG AA ✓ Pass

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 98E0B2 Background



This preview shows how black text looks on a background with the Hex color 98E0B2.

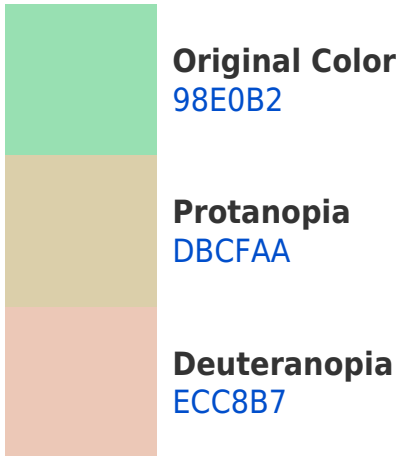


This preview shows how white text looks on a background with the Hex color 98E0B2.

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



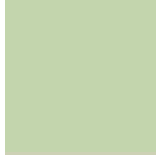


Tritanopia
A3D8EA

Trichromacy



Original Color
98E0B2



Protanomaly
C3D5AD



Deuteranomaly
CDD1B5



Tritanomaly
9FD6D6

Monochromacy



Original Color
98E0B2



Achromatopsia
C5C5C5



Achromatomaly
B5CFBE

CSS Examples

Text

The CSS property to change the color of the text to Hex 98E0B2 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 #98E0B2 looks like.

```
.text, #text, p{  
    color:#98E0B2  
}
```

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 #98E0B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98E0B2
}
```

Border

The CSS property to change the border of an element to Hex 98E0B2 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
#98E0B2 }
```

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

```
.border{ border-color:#98E0B2 }
```

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

Here you see how a box with a 4 pixel #98E0B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98E0B2; -webkit-box-shadow:4px 4px  
4px 4px #98E0B2; box-shadow:4px 4px 4px  
4px #98E0B2 }
```

Background

The CSS property to change the background color of an element to Hex 98E0B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98E0B2 }
```

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

```
.background{ background-color:#98E0B2 }
```

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