

Converting Colors

Hex(97EBAD)

Have a look what the booklet for
Hex(97EBAD) contains.

Hex(97EBAD)	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(97EBAD)

Conversions

Conversions Part 1

Format	Color
Hex	97EBAD
RGB	151, 235, 173
RGB Percent	59%, 92%, 68%
CMY	0.4078, 0.0784, 0.3216
CMYK	0.36, 0.00, 0.26, 0.08
HSL	136°, 68%, 76%
HSV	136°, 36%, 92%
XYZ	50.0137, 69.0131, 50.2200
YIQ	202.8160, -30.1620, -37.0900

Conversions

Conversions Part 2

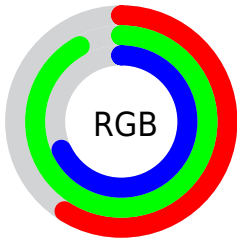
Format	Color
RYB	151, 218, 235
Decimal	9956269
CIELab	86.51, -38.19, 22.22
CIELCh	87, 44.183, 149.814
Yxy	69.0131, 0.2955, 0.4078
Android (android.graphics.Color)	4288146349 (0xFF97EBAD)
YUV	202.8160, -14.6993, -45.4426
Hunter-Lab	83.0741, -37.9162, 22.3099

Details

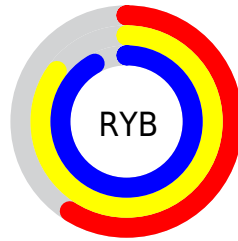
The Hex color **97EBAD** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EB97D5**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **D0FFE5**, and **60B378** is the 20% darker color. If you saturate the color by 10%, you get **80EB9C**, and if you desaturate by 10%, it is **AFEBBE**.

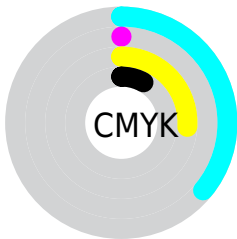
Distribution



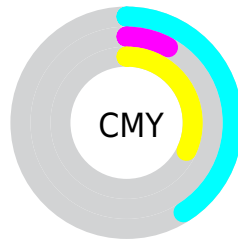
- Red (59%)
- Green (92%)
- Blue (68%)



- Red (59%)
- Yellow (85%)
- Blue (92%)



- Cyan (36%)
- Magenta (0%)
- Yellow (26%)
- Black (8%)



- Cyan (41%)
- Magenta (8%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97EBAD 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 97EBAD by changing the saturation by 10% instead.

 97EBAD

 97EBAD

FFFFFF

 7BCF92

 D0FFE5

 60B378

 EDFFFF

 45985F

 287D47

 006430

 004B1A

 003302

 001F00

 000000

 97EBAD

 97EBAD

 80EB9C

 AFEbbe

 68EB8A

 C6EBD0

 51EB79

 DEEBE1

 39EB68

 F5EBF2

 21EB56

 FFEBFF

 0AEB45

 00EB3E

Harmonies

Analogous

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



C9E28E



97EBAD



5FEFD7

Triad

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



97EBAD



9CDDFF



FFBBB1

Complementary

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



97EBAD



EB97D5

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.



FFB8DA



97EBAD



DDCEFF

Square

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



97EBAD



53E8FF



FFBFFF



FFC791

Rectangle

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



97EBAD



39EFF3



FFBFFF



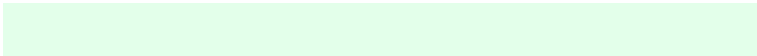
FFB9BE

Sweetspot

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



97EBAD



E3FFEA



D6EB97



6F8073



000000



808080

Same Dimension

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



97EBAD



91FFAE



97EBD6



6A756D



00B52F



00360E

Inverse Universe

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



EB97D5



FF91E2



EB97AC



756A72



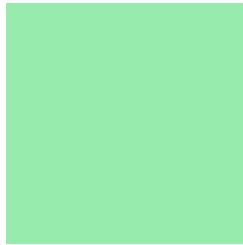
B50086



360028

Previews

White Background



This preview shows how the Hex color 97EBAD looks on a white background.

Color Contrast Check

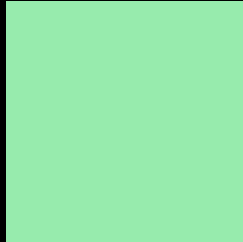
Large Text (above 18pt) WCAG AA × Fail

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 97EBAD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

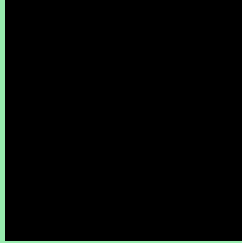
Any Text WCAG AA ✓ Pass

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 97EBAD Background



This preview shows how black text looks on a background with the Hex color 97EBAD.

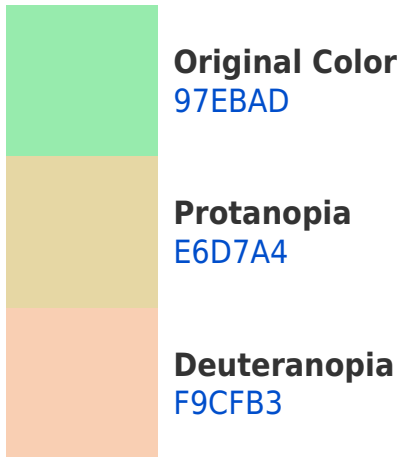


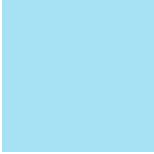
This preview shows how white text looks on a background with the Hex color 97EBAD.

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



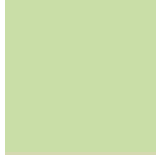


Tritanopia
A6E2F4

Trichromacy



Original Color
97EBAD



Protanomaly
C9DEA7



Deuteranomaly
D5D9B1

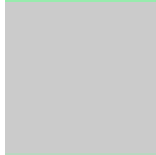


Tritanomaly
A1E5DA

Monochromacy



Original Color
97EBAD



Achromatopsia
CBCBCB



Achromatomaly
B8D7C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 97EBAD 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 #97EBAD looks like.

```
.text, #text, p{  
    color:#97EBAD  
}
```

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 #97EBAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97EBAD
}
```

Border

The CSS property to change the border of an element to Hex 97EBAD 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
#97EBAD }
```

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

```
.border{ border-color:#97EBAD }
```

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

Here you see how a box with a 4 pixel #97EBAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97EBAD; -webkit-box-shadow:4px 4px  
4px 4px #97EBAD; box-shadow:4px 4px 4px  
4px #97EBAD }
```

Background

The CSS property to change the background color of an element to Hex 97EBAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97EBAD }
```

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

```
.background{ background-color:#97EBAD }
```

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