

Converting Colors

Hex(94E3B8)

Have a look what the booklet for
Hex(94E3B8) contains.

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Color

Hex(94E3B8)

Conversions

Conversions Part 1

Format	Color
Hex	94E3B8
RGB	148, 227, 184
RGB Percent	58%, 89%, 72%
CMY	0.4196, 0.1098, 0.2784
CMYK	0.35, 0.00, 0.19, 0.11
HSL	147°, 59%, 74%
HSV	147°, 35%, 89%
XYZ	48.3336, 64.6948, 55.2873
YIQ	198.4770, -33.2810, -30.1210

Conversions

Conversions Part 2

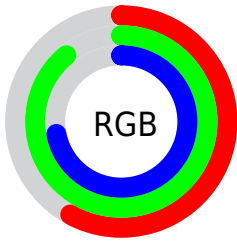
Format	Color
RYB	148, 202, 227
Decimal	9757624
CIELab	84.33, -33.35, 13.42
CIELCh	84, 35.946, 158.082
Yxy	64.6948, 0.2872, 0.3844
Android (android.graphics.Color)	4287947704 (0xFF94E3B8)
YUV	198.4770, -7.1372, -44.2683
Hunter-Lab	80.4331, -33.4942, 15.5490

Details

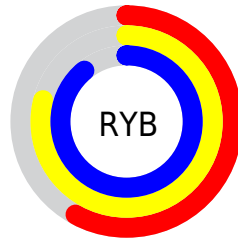
The Hex color **94E3B8** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E394BF**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **CCFFF0**, and **5EAB83** is the 20% darker color. If you saturate the color by 10%, you get **7DE3AC**, and if you desaturate by 10%, it is **ABE3C4**.

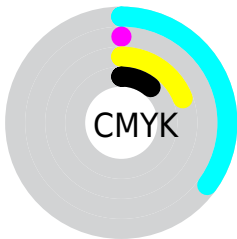
Distribution



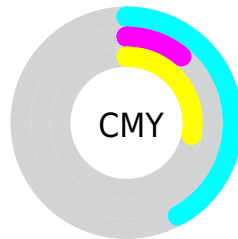
- Red (58%)
- Green (89%)
- Blue (72%)



- Red (58%)
- Yellow (79%)
- Blue (89%)



- Cyan (35%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (42%)
- Magenta (11%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94E3B8 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 94E3B8 by changing the saturation by 10% instead.

 94E3B8

 94E3B8

FFFFFF

 79C79D

 CCFFF0

 5EAB83

 E9FFFF

 43906A


 277651

 005D3A

 004524

 002E10

 001800

 000000

 94E3B8

 94E3B8

 7DE3AC

 ABE3C4

 67E39F

 C1E3D1

 50E393

 D8E3DD

 39E387

 EFE3E9

 23E37A

 FFE3F6

 0CE36E

 FFE3FF

 00E367

Harmonies

Analogous

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



BCDD9C



94E3B8



70E5DB

Triad

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



94E3B8



B3D2FF



FFBEAA

Complementary

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



94E3B8



E394BF

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.



FFB9CA



94E3B8



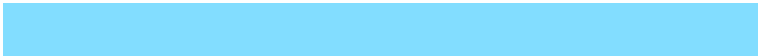
E3C6FF

Square

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



94E3B8



82DDFF



FFBCEC



FFC894

Rectangle

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



94E3B8



64E4F1



FFBCEC



FFBBB4

Sweetspot

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



94E3B8



E6FFF1



BFE394



708077



000000



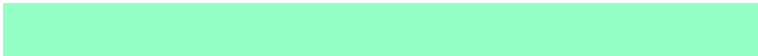
808080

Same Dimension

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



94E3B8



94FFC5



94E3DF



67736D



00B351



003317

Inverse Universe

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



E394BF



FF94CE



E39498



73676E



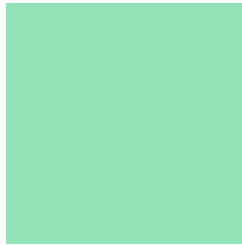
B30061



33001C

Previews

White Background



This preview shows how the Hex color 94E3B8 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 94E3B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

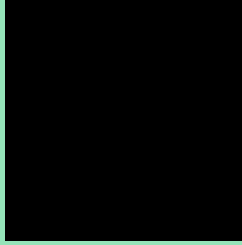
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

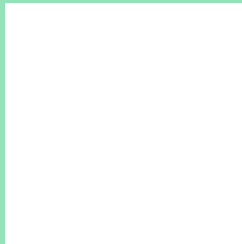
Any Text WCAG AAA ✓ Pass

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

Hex 94E3B8 Background



This preview shows how black text looks on a background with the Hex color 94E3B8.

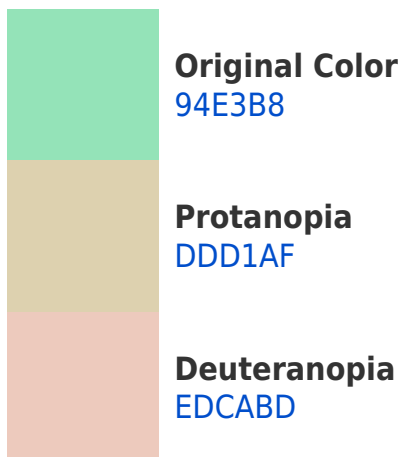


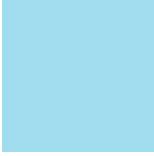
This preview shows how white text looks on a background with the Hex color 94E3B8.

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
9FDCED

Trichromacy



Original Color
94E3B8



Protanomaly
C2D8B2



Deuteranomaly
CDD3BB

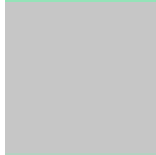


Tritanomaly
9BDFDA

Monochromacy



Original Color
94E3B8



Achromatopsia
C6C6C6



Achromatomaly
B4D1C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 94E3B8 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 #94E3B8 looks like.

```
.text, #text, p{  
    color:#94E3B8  
}
```

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 #94E3B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94E3B8
}
```

Border

The CSS property to change the border of an element to Hex 94E3B8 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
#94E3B8 }
```

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

```
.border{ border-color:#94E3B8 }
```

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

Here you see how a box with a 4 pixel #94E3B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94E3B8; -webkit-box-shadow:4px 4px  
4px 4px #94E3B8; box-shadow:4px 4px 4px  
4px #94E3B8 }
```

Background

The CSS property to change the background color of an element to Hex 94E3B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94E3B8 }
```

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

```
.background{ background-color:#94E3B8 }
```

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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