

# Converting Colors

Hex(94E1BF)

Have a look what the booklet for  
Hex(94E1BF) contains.

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# **Color**

**Hex(94E1BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94E1BF
RGB	148, 225, 191
RGB Percent	58%, 88%, 75%
CMY	0.4196, 0.1176, 0.2510
CMYK	0.34, 0.00, 0.15, 0.12
HSL	154°, 56%, 73%
HSV	154°, 34%, 88%
XYZ	48.5419, 63.9079, 59.0672
YIQ	198.1010, -34.9780, -26.8980

# Conversions

## Conversions Part 2

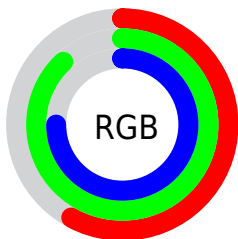
Format	Color
<a href="#">RYB</a>	<a href="#">148, 197, 225</a>
Decimal	<a href="#">9757119</a>
CIELab	<a href="#">83.92, -31.02, 9.16</a>
CIELCh	<a href="#">84, 32.339, 163.550</a>
Yxy	<a href="#">63.9079, 0.2830, 0.3726</a>
Android (android.graphics.Color)	<a href="#">4287947199 (0xFF94E1BF)</a>
YUV	<a href="#">198.1010, -3.5008, -43.9386</a>
Hunter-Lab	<a href="#">79.9424, -31.5121, 12.1520</a>

# Details

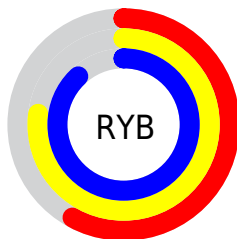
The Hex color **94E1BF** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E194B6**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **CCFFF7**, and **5EA98A** is the 20% darker color. If you saturate the color by 10%, you get **7EE1B5**, and if you desaturate by 10%, it is **ABE1C9**.

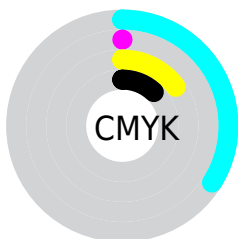
# Distribution



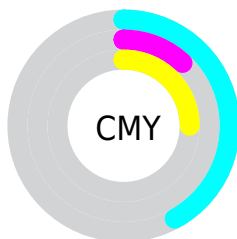
- Red (58%)
- Green (88%)
- Blue (75%)



- Red (58%)
- Yellow (77%)
- Blue (88%)



- Cyan (34%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)



- Cyan (42%)
- Magenta (12%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94E1BF 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 94E1BF by changing the saturation by 10% instead.



 94E1BF

 94E1BF

FFFFFF

 79C5A4

 CCFFF7

 5EA98A

 E9FFFF

 438F70

 277558

 025C40

 00442A

 002D16

 001600

 000000

 94E1BF

 94E1BF

 7EE1B5

 ABE1C9

 67E1AB

 C1E1D3

 51E1A1

 D8E1DD

 3AE197

 EEE1E7

 24E18D

 FFE1F1

 0DE183

 FFE1FB

 00E17E

 FFE1FF

# Harmonies

## Analogous

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



B7DCA4



94E1BF



79E2DE

# Triad

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



94E1BF



BFCFFF



FFC0A9

# Complementary

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



94E1BF



E194B6

# 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.



FFBBC4



94E1BF



E7C5FE

# Square

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



94E1BF



93D9FF



FFBDE3



F6CA97

# Rectangle

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



94E1BF



73E1F2



FFBDE3



FFBEB1

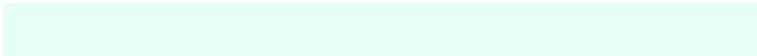


# Sweetspot

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



94E1BF



E6FFF4



B7E194



708079



000000



808080



# Same Dimension

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



94E1BF



96FFD1



94DDE1



65706B



00B062



00301B



# Inverse Universe

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



E194B6



FF96C5



E19894



70656A



B0004E

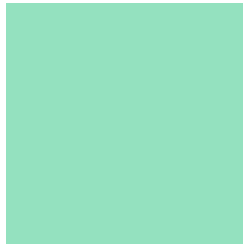


300015



# Previews

## White Background



This preview shows how the Hex color 94E1BF looks on a white background.

## Color Contrast Check

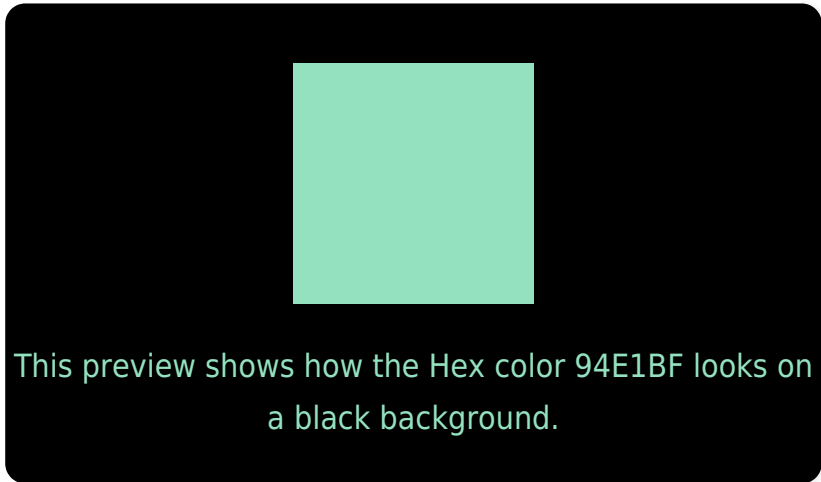
Large Text (above 18pt) WCAG AA × Fail

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

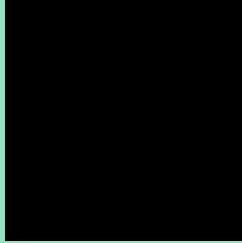
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

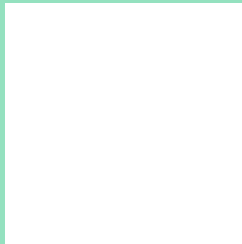
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94E1BF Background



This preview shows how black text looks on a background with the Hex color 94E1BF.

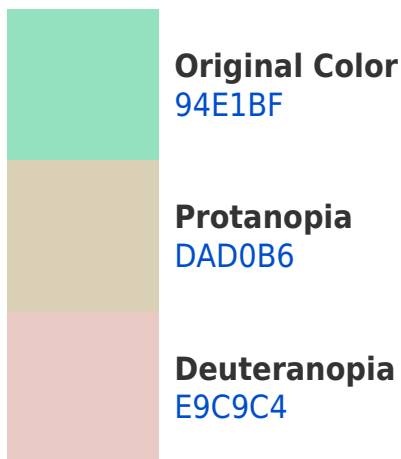


This preview shows how white text looks on a background with the Hex color 94E1BF.

# Color Blindness Simulation

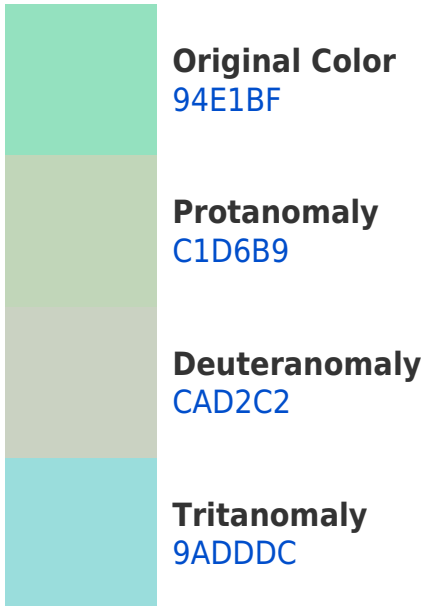
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

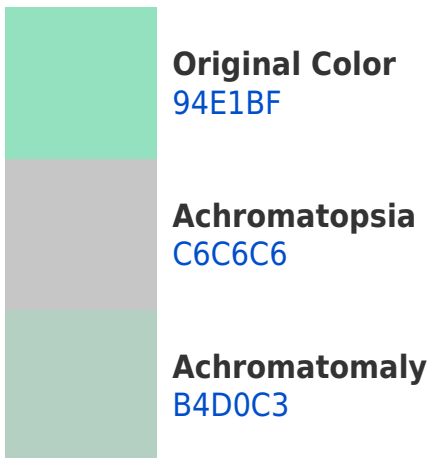




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94E1BF 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 #94E1BF looks like.

```
.text, #text, p{  
    color:#94E1BF  
}
```

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 #94E1BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94E1BF
}
```

## Border

The CSS property to change the border of an element to Hex 94E1BF 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
#94E1BF }
```

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

```
.border{ border-color:#94E1BF }
```

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

Here you see how a box with a 4 pixel #94E1BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94E1BF; -webkit-box-shadow:4px 4px  
4px 4px #94E1BF; box-shadow:4px 4px 4px  
4px #94E1BF }
```

# Background

The CSS property to change the background color of an element to Hex 94E1BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94E1BF }
```

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

```
.background{ background-color:#94E1BF }
```

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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