

Converting Colors

Hex(94E2A0)

Have a look what the booklet for
Hex(94E2A0) contains.

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Color

Hex(94E2A0)

Conversions

Conversions Part 1

Format	Color
Hex	94E2A0
RGB	148, 226, 160
RGB Percent	58%, 89%, 63%
CMY	0.4196, 0.1137, 0.3725
CMYK	0.35, 0.00, 0.29, 0.11
HSL	129°, 57%, 73%
HSV	129°, 35%, 89%
XYZ	45.7543, 63.2267, 43.0502
YIQ	195.1540, -25.3020, -37.0620

Conversions

Conversions Part 2

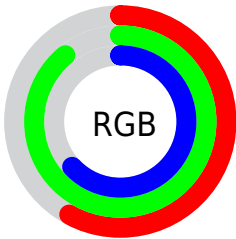
Format	Color
RYB	148, 216, 226
Decimal	9757344
CIELab	83.56, -37.28, 24.87
CIELCh	84, 44.813, 146.297
Yxy	63.2267, 0.3010, 0.4159
Android (android.graphics.Color)	4287947424 (0xFF94E2A0)
YUV	195.1540, -17.3309, -41.3541
Hunter-Lab	79.5152, -36.4400, 23.5606

Details

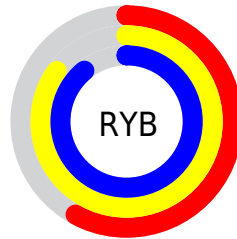
The Hex color **94E2A0** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E294D6**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **CCFFD7**, and **5EAA6C** is the 20% darker color. If you saturate the color by 10%, you get **7DE28D**, and if you desaturate by 10%, it is **ABE2B3**.

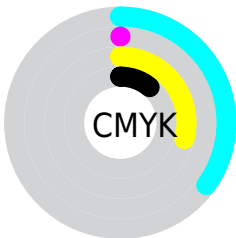
Distribution



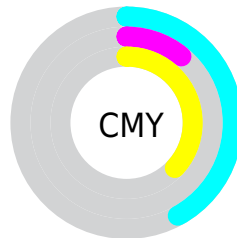
- Red (58%)
- Green (89%)
- Blue (63%)



- Red (58%)
- Yellow (85%)
- Blue (89%)



- Cyan (35%)
- Magenta (0%)
- Yellow (29%)
- Black (11%)



- Cyan (42%)
- Magenta (11%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94E2A0 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 94E2A0 by changing the saturation by 10% instead.

 94E2A0

 94E2A0

FFFFFF

 79C686

 CCFFD7

 5EAA6C

 E9FFF4

 438F53

 27753C

 005C25

 00440F

 002D00

 001500

 000000

 94E2A0

 94E2A0

 7DE28D

 ABE2B3

 67E27A

 C1E2C6

 50E267

 D8E2D9

 3AE254

 EEE2EC

 23E240

 FFE2FF

 0CE22D

 00E223

Harmonies

Analogous

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



C6D983



94E2A0



5AE6C9

Triad

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



94E2A0



89D6FF



FFB2AD

Complementary

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



94E2A0



E294D6

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.



FFB0D7



94E2A0



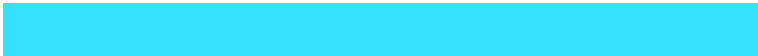
CDC7FF

Square

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



94E2A0



36E1FF



FFB8FF



FFBD8B

Rectangle

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



94E2A0



29E7E6



FFB8FF



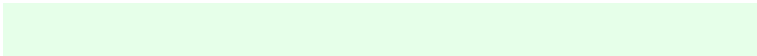
FFB0BB

Sweetspot

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



94E2A0



E6FFE9



D6E294



708073



000000



808080

Same Dimension

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



94E2A0



96FFA7



94E2C7



657067



00B01B



003007

Inverse Universe

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



E294D6



FF96EF



E294AF



70656E



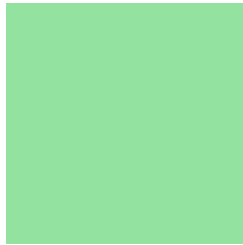
B00095



300029

Previews

White Background



This preview shows how the Hex color 94E2A0 looks on a white background.

Color Contrast Check

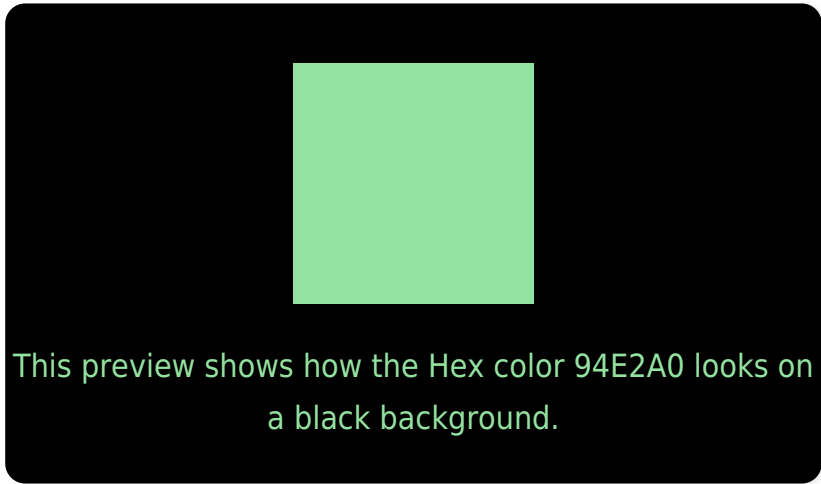
Large Text (above 18pt) WCAG AA × Fail

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

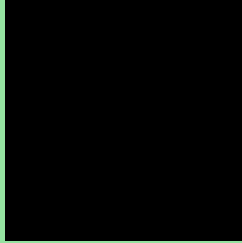
Any Text WCAG AA ✓ Pass

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 94E2A0 Background



This preview shows how black text looks on a background with the Hex color 94E2A0.

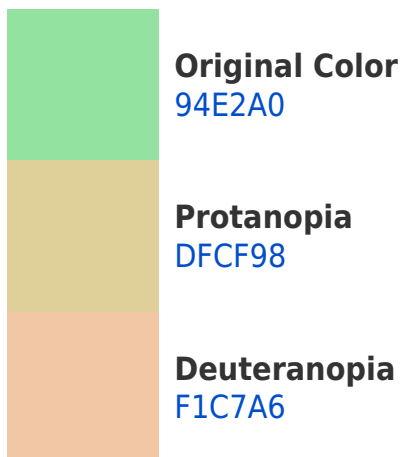


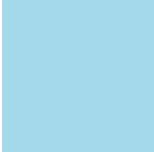
This preview shows how white text looks on a background with the Hex color 94E2A0.

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
A3D9EA

Trichromacy



Original Color
94E2A0



Protanomaly
C4D69B



Deuteranomaly
CFD1A4

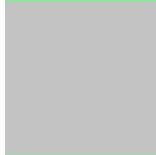


Tritanomaly
9EDCCF

Monochromacy



Original Color
94E2A0



Achromatopsia
C3C3C3



Achromatomaly
B2CEB6

CSS Examples

Text

The CSS property to change the color of the text to Hex 94E2A0 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 #94E2A0 looks like.

```
.text, #text, p{  
    color:#94E2A0  
}
```

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 #94E2A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94E2A0
}
```

Border

The CSS property to change the border of an element to Hex 94E2A0 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
#94E2A0 }
```

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

```
.border{ border-color:#94E2A0 }
```

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

Here you see how a box with a 4 pixel #94E2A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94E2A0; -webkit-box-shadow:4px 4px  
4px 4px #94E2A0; box-shadow:4px 4px 4px  
4px #94E2A0 }
```

Background

The CSS property to change the background color of an element to Hex 94E2A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94E2A0 }
```

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

```
.background{ background-color:#94E2A0 }
```

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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