

Converting Colors

Hex(94ED98)

Have a look what the booklet for
Hex(94ED98) contains.

Hex(94ED98)	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(94ED98)

Conversions

Conversions Part 1

Format	Color
Hex	94ED98
RGB	148, 237, 152
RGB Percent	58%, 93%, 60%
CMY	0.4196, 0.0706, 0.4039
CMYK	0.38, 0.00, 0.36, 0.07
HSL	123°, 71%, 75%
HSV	123°, 38%, 93%
XYZ	48.1644, 69.1313, 40.5109
YIQ	200.6990, -25.7590, -45.3030

Conversions

Conversions Part 2

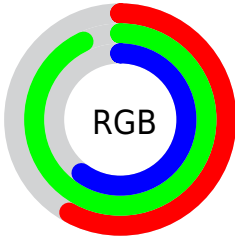
Format	Color
RYB	148, 233, 237
Decimal	9760152
CIELab	86.57, -43.48, 33.00
CIELCh	87, 54.584, 142.807
Yxy	69.1313, 0.3052, 0.4381
Android (android.graphics.Color)	4287950232 (0xFF94ED98)
YUV	200.6990, -24.0086, -46.2170
Hunter-Lab	83.1452, -42.1025, 29.3137

Details

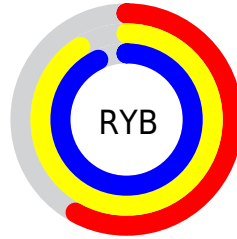
The Hex color **94ED98** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **ED94E9**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **CDFFCF**, and **5DB464** is the 20% darker color. If you saturate the color by 10%, you get **7CED81**, and if you desaturate by 10%, it is **ACEDAF**.

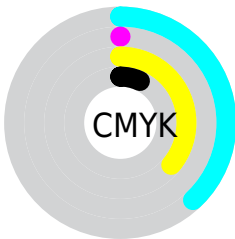
Distribution



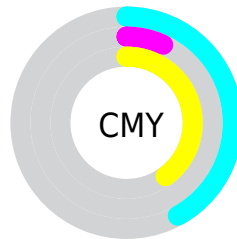
- Red (58%)
- Green (93%)
- Blue (60%)



- Red (58%)
- Yellow (91%)
- Blue (93%)



- Cyan (38%)
- Magenta (0%)
- Yellow (36%)
- Black (7%)



- Cyan (42%)
- Magenta (7%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94ED98 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 94ED98 by changing the saturation by 10% instead.

 94ED98

FFFFFF

 CDFFCF

 EAFFEB

 94ED98

 78D07E

 5DB464

 40994B

 217F33

 00651B

 004C02

 003400

 001F00

 000000

 94ED98

 94ED98

 7CED81

 ACEDAF

 65ED6B

 C3EDC5

 4DED54

 DBEDDC

 35ED3D

 F3EDF3

 1EED27

 FFEDFF

 06ED10

 00ED0B

Harmonies

Analogous

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



D1E276



94ED98



3AF3CA

Triad

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



94ED98



66E2FF



FFB1B3

Complementary

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



94ED98



ED94E9

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.



FFAFE7



94ED98



CAD0FF

Square

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



94ED98



00EEFF



FFBCFF



FFBF88

Rectangle

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



94ED98



00F4EE



FFBCFF



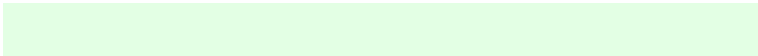
FFAFC4

Sweetspot

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



94ED98



E3FFE4



EAED94



6F8070



000000



808080

Same Dimension

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



94ED98



8CFF91



94EDC3



6A756A



00B508



003602

Inverse Universe

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



ED94E9



FF8CFA



ED94BE



756A75



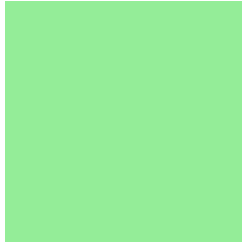
B500AD



360033

Previews

White Background



This preview shows how the Hex color 94ED98 looks on a white background.

Color Contrast Check

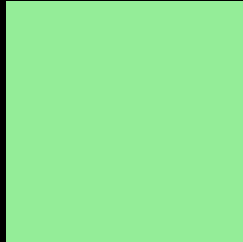
Large Text (above 18pt) WCAG AA × Fail

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 94ED98 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

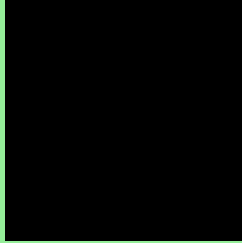
Any Text WCAG AA ✓ Pass

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 94ED98 Background



This preview shows how black text looks on a background with the Hex color 94ED98.

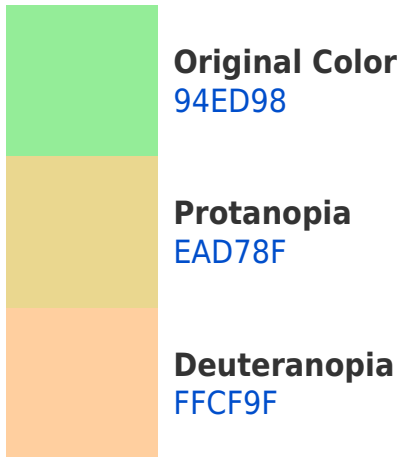


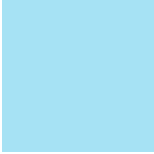
This preview shows how white text looks on a background with the Hex color 94ED98.

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
94ED98



Protanomaly
CBDF92



Deuteranomaly
D8DA9C



Tritanomaly
9FE6D3

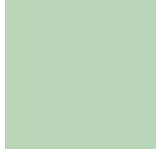
Monochromacy



Original Color
94ED98



Achromatopsia
C9C9C9



Achromatomaly
B6D6B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 94ED98 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 #94ED98 looks like.

```
.text, #text, p{  
    color:#94ED98  
}
```

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 #94ED98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94ED98
}
```

Border

The CSS property to change the border of an element to Hex 94ED98 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
#94ED98 }
```

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

```
.border{ border-color:#94ED98 }
```

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

Here you see how a box with a 4 pixel #94ED98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94ED98; -webkit-box-shadow:4px 4px  
4px 4px #94ED98; box-shadow:4px 4px 4px  
4px #94ED98 }
```

Background

The CSS property to change the background color of an element to Hex 94ED98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94ED98 }
```

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

```
.background{ background-color:#94ED98 }
```

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