

Converting Colors

Hex(98ED95)

Have a look what the booklet for
Hex(98ED95) contains.

Hex(98ED95)	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(98ED95)

Conversions

Conversions Part 1

Format	Color
Hex	98ED95
RGB	152, 237, 149
RGB Percent	60%, 93%, 58%
CMY	0.4039, 0.0706, 0.4157
CMYK	0.36, 0.00, 0.37, 0.07
HSL	118°, 71%, 76%
HSV	118°, 37%, 93%
XYZ	48.6579, 69.4137, 39.2674
YIQ	201.5530, -22.4120, -45.3880

Conversions

Conversions Part 2

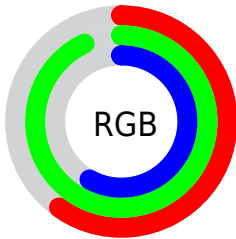
Format	Color
RYB	149, 237, 234
Decimal	10022293
CIELab	86.71, -42.73, 34.72
CIElCh	87, 55.057, 140.899
Yxy	69.4137, 0.3093, 0.4412
Android (android.graphics.Color)	4288212373 (0xFF98ED95)
YUV	201.5530, -25.9086, -43.4580
Hunter-Lab	83.3149, -41.5528, 30.3763

Details

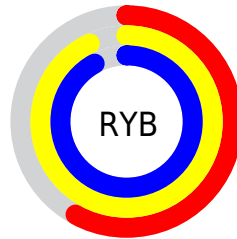
The Hex color **98ED95** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EA95ED**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D1FFCC**, and **61B561** is the 20% darker color. If you saturate the color by 10%, you get **81ED7D**, and if you desaturate by 10%, it is **AFEDAD**.

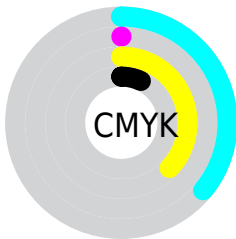
Distribution



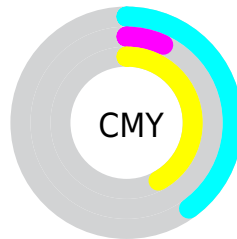
- Red (60%)
- Green (93%)
- Blue (58%)



- Red (58%)
- Yellow (93%)
- Blue (92%)



- Cyan (36%)
- Magenta (0%)
- Yellow (37%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 98ED95 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 98ED95 by changing the saturation by 10% instead.

 98ED95

 98ED95

FFFFFF

 7CD07B

 D1FFCC

 61B561

 EEFFE8

 459948

 277F30

 006518

 004C00

 003500

 001F00

 000000

 98ED95

 98ED95

 81ED7D

 AFEDAD

 6AED66

 C6EDC4

 53ED4E

 DDEDDC

 3CED36

 F4EDF4

 26ED1F

 FFEDFF

 0FED07

 08ED00

Harmonies

Analogous

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



D5E174



98ED95



41F3C7

Triad

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



98ED95



5CE3FF



FFB0B7

Complementary

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



98ED95



EA95ED

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.



FFB0EB



98ED95



C5D2FF

Square

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



98ED95



00EFFF



FFBEFF



FFBE8A

Rectangle

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



98ED95



00F4EB



FFBEFF



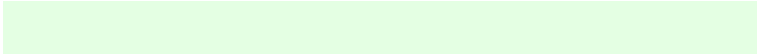
FFAEC8

Sweetspot

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



98ED95



E4FFE3



EDE995



6F806F



000000



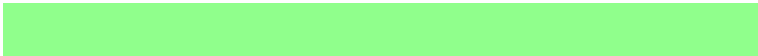
808080

Same Dimension

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



98ED95



90FF8C



95EDBD



6A756A



06B500



023600

Inverse Universe

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



EA95ED



FB8CFF



ED95C5



756A75



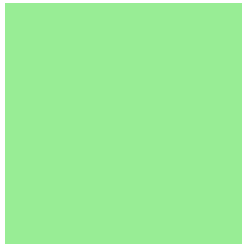
AF00B5



340036

Previews

White Background



This preview shows how the Hex color 98ED95 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 98ED95 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 98ED95 Background



This preview shows how black text looks on a background with the Hex color 98ED95.

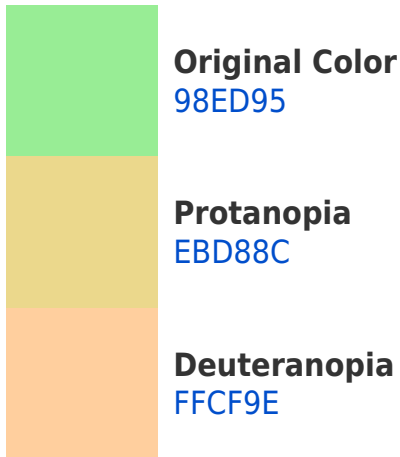


This preview shows how white text looks on a background with the Hex color 98ED95.

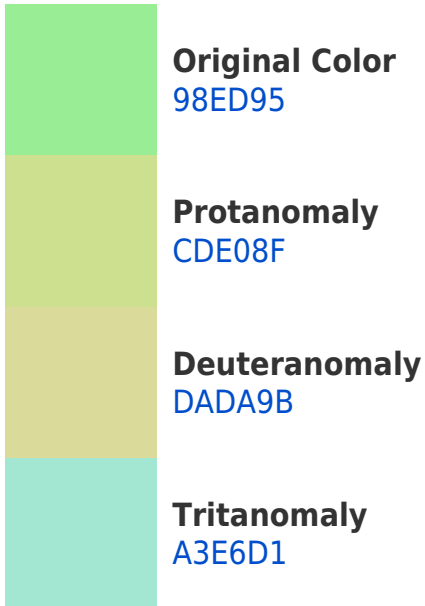
Color Blindness Simulation

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](#).

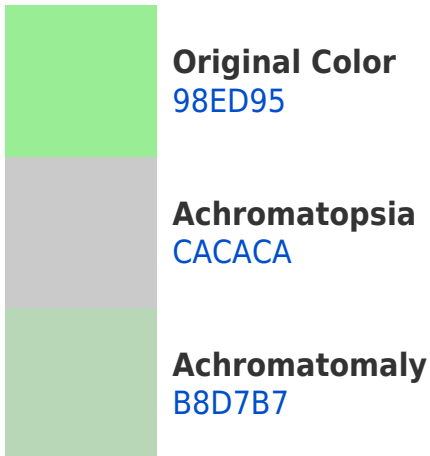
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98ED95 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 #98ED95 looks like.

```
.text, #text, p{  
    color:#98ED95  
}
```

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 #98ED95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98ED95
}
```

Border

The CSS property to change the border of an element to Hex 98ED95 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
#98ED95 }
```

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

```
.border{ border-color:#98ED95 }
```

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

Here you see how a box with a 4 pixel #98ED95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98ED95; -webkit-box-shadow:4px 4px  
4px 4px #98ED95; box-shadow:4px 4px 4px  
4px #98ED95 }
```

Background

The CSS property to change the background color of an element to Hex 98ED95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98ED95 }
```

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

```
.background{ background-color:#98ED95 }
```

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