

Converting Colors

Hex(95CC9D)

Have a look what the booklet for
Hex(95CC9D) contains.

Hex(95CC9D)	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(95CC9D)

Conversions

Conversions Part 1

Format	Color
Hex	95CC9D
RGB	149, 204, 157
RGB Percent	58%, 80%, 62%
CMY	0.4157, 0.2000, 0.3843
CMYK	0.27, 0.00, 0.23, 0.20
HSL	129°, 35%, 69%
HSV	129°, 27%, 80%
XYZ	40.0731, 52.0096, 39.8251
YIQ	182.1970, -17.6930, -26.2770

Conversions

Conversions Part 2

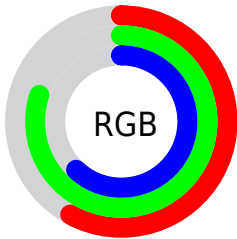
Format	Color
RYB	149, 197, 204
Decimal	9817245
CIELab	77.29, -27.17, 17.81
CIELCh	77, 32.490, 146.762
Yxy	52.0096, 0.3038, 0.3943
Android (android.graphics.Color)	4288007325 (0xFF95CC9D)
YUV	182.1970, -12.4221, -29.1138
Hunter-Lab	72.1177, -27.0202, 17.7411

Details

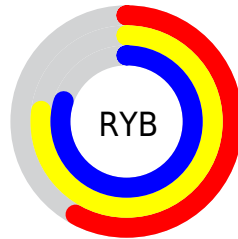
The Hex color **95CC9D** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CC95C4**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **CCFFD4**, and **61966A** is the 20% darker color. If you saturate the color by 10%, you get **81CC8C**, and if you desaturate by 10%, it is **A9CCAE**.

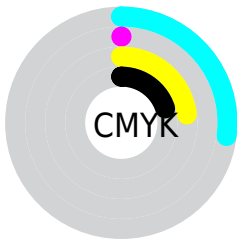
Distribution



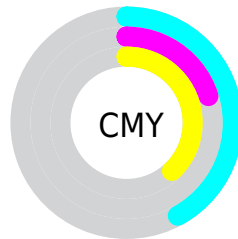
- Red (58%)
- Green (80%)
- Blue (62%)



- Red (58%)
- Yellow (77%)
- Blue (80%)



- Cyan (27%)
- Magenta (0%)
- Yellow (23%)
- Black (20%)



- Cyan (42%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95CC9D 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 95CC9D by changing the saturation by 10% instead.


 95CC9D

 95CC9D

FFFFFF

 7AB083

 CCFFD4

 61966A

 E9FFF0

 477B51

 2F623A

 154A24

 00330F

 002000

 000000

 95CC9D

 95CC9D

 81CC8C

 A9CCAE

 6CCC7A

 BECCC0

 58CC69

 D2CCD1

 43CC57

 E7CCE3

 2FCC46

 FBCCF4

 1BCC34

 FFCCFF

 06CC23

 00CC1E

Harmonies

Analogous

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



B8C588



95CC9D



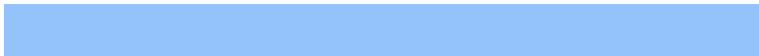
73CFBA

Triad

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



95CC9D



93C3FA



FBAAA5

Complementary

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



95CC9D



CC95C4

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.



F7A9C3



95CC9D



BFB8F5

Square

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



95CC9D



6BCBF0



E2AEE0



EFB28E

Rectangle

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



95CC9D



63CFCF



E2AEE0



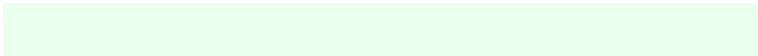
FBA9AF

Sweetspot

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



95CC9D



EBFFEE



C5CC95



738075



000000



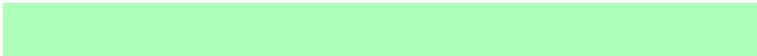
808080

Same Dimension

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



95CC9D



ADFFB9



95CCB8



5C665D



00A618



002606

Inverse Universe

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



CC95C4



FFADF3



CC95A9



665C65



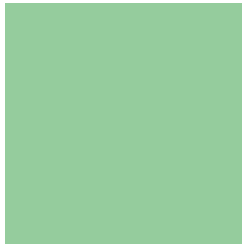
A6008E



260021

Previews

White Background



This preview shows how the Hex color 95CC9D 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 95CC9D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

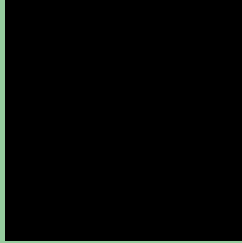
Any Text WCAG AA ✓ Pass

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 95CC9D Background



This preview shows how black text looks on a background with the Hex color 95CC9D.

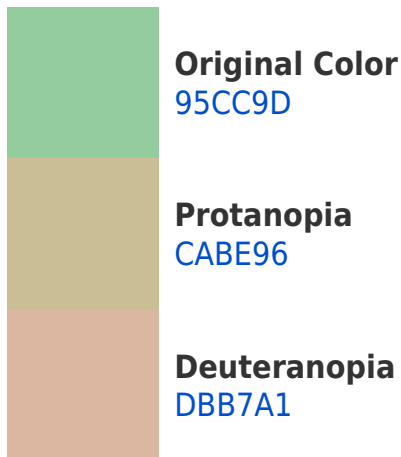


This preview shows how white text looks on a background with the Hex color 95CC9D.

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](#).

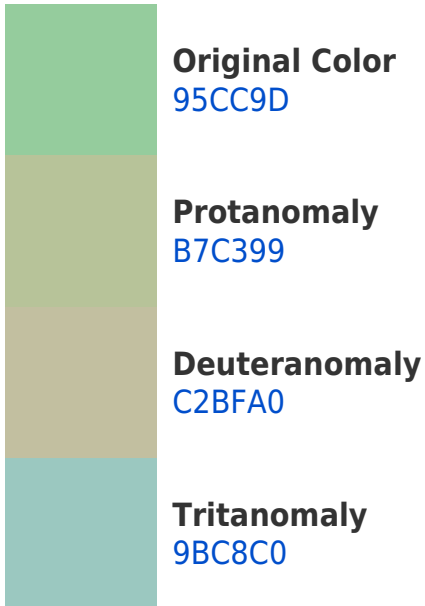
Dichromacy



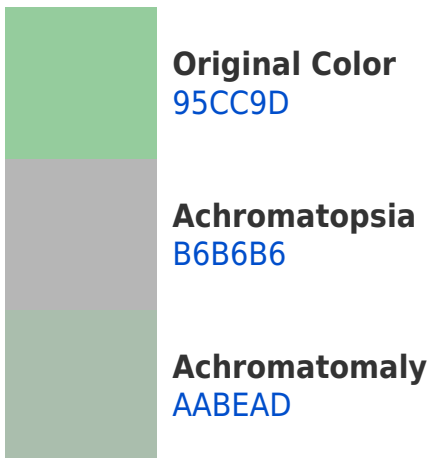


Tritanopia
9FC5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95CC9D 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 #95CC9D looks like.

```
.text, #text, p{  
    color:#95CC9D  
}
```

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 #95CC9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95CC9D }  
}
```

Border

The CSS property to change the border of an element to Hex 95CC9D 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 #95CC9D }  
}
```

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

```
.border{ border-color:#95CC9D }
```

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

Here you see how a box with a 4 pixel #95CC9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95CC9D; -webkit-box-shadow:4px 4px  
4px 4px #95CC9D; box-shadow:4px 4px 4px  
4px #95CC9D }
```

Background

The CSS property to change the background color of an element to Hex 95CC9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95CC9D }
```

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

```
.background{ background-color:#95CC9D }
```

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