

Converting Colors

Hex(97DA9A)

Have a look what the booklet for
Hex(97DA9A) contains.

Hex(97DA9A)	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(97DA9A)

Conversions

Conversions Part 1

Format	Color
Hex	97DA9A
RGB	151, 218, 154
RGB Percent	59%, 85%, 60%
CMY	0.4078, 0.1451, 0.3961
CMYK	0.31, 0.00, 0.29, 0.15
HSL	123°, 48%, 72%
HSV	123°, 31%, 85%
XYZ	43.6666, 59.0552, 39.6692
YIQ	190.6710, -19.3880, -34.1080

Conversions

Conversions Part 2

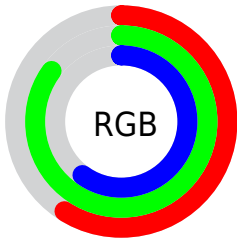
Format	Color
RYB	151, 215, 218
Decimal	9951898
CIELab	81.32, -33.68, 24.95
CIElCh	81, 41.917, 143.467
Yxy	59.0552, 0.3067, 0.4147
Android (android.graphics.Color)	4288141978 (0xFF97DA9A)
YUV	190.6710, -18.0788, -34.7915
Hunter-Lab	76.8474, -33.0547, 23.1872

Details

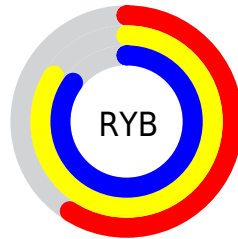
The Hex color **97DA9A** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DA97D7**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **CFFFD1**, and **62A366** is the 20% darker color. If you saturate the color by 10%, you get **81DA85**, and if you desaturate by 10%, it is **ADDAAF**.

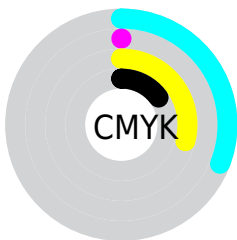
Distribution



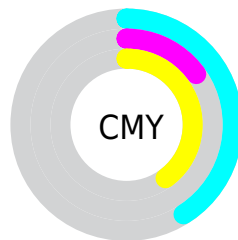
- Red (59%)
- Green (85%)
- Blue (60%)



- Red (59%)
- Yellow (84%)
- Blue (85%)



- Cyan (31%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)



- Cyan (41%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97DA9A 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 97DA9A by changing the saturation by 10% instead.

 97DA9A

 97DA9A

FFFFFF

 7CBE80

 CFFFD1

 62A366

 ECFFED

 48884E

 2D6E36

 105620

 003E09

 002800

 000900

 000000

 97DA9A

 97DA9A

 81DA85

 ADDAAF

 6BDA70

 C3DAC4

 56DA5C

 D8DAD8

 40DA47

 EEDAED

 2ADA32

 FFDAFF

 14DA1D

 00DA0A

Harmonies

Analogous

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



C5D181



97DA9A



64DFC0

Triad

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



97DA9A



83D0FF



FFADAD

Complementary

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



97DA9A



DA97D7

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.



FFACD4



97DA9A



C2C3FF

Square

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



97DA9A



3FDAFF



F3B5F9



FFB78C

Rectangle

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



97DA9A



40DFDB



F3B5F9



FFACBA

Sweetspot

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



97DA9A



E8FFE9



D8DA97



718072



000000



808080

Same Dimension

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



97DA9A



A1FFA5



97DABB



636E63



00AD08



002E02

Inverse Universe

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



DA97D7



FFA1FB



DA97B6



6E636D



AD00A6



2E002C

Previews

White Background



This preview shows how the Hex color 97DA9A 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 97DA9A 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 97DA9A Background



This preview shows how black text looks on a background with the Hex color 97DA9A.

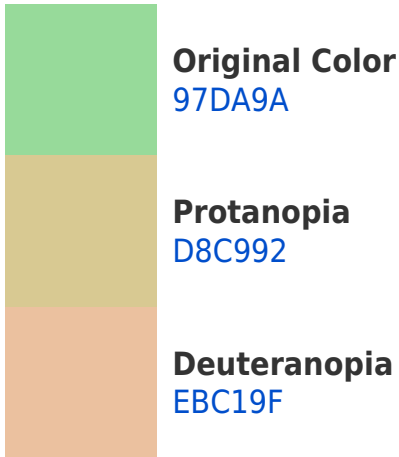


This preview shows how white text looks on a background with the Hex color 97DA9A.

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](#).

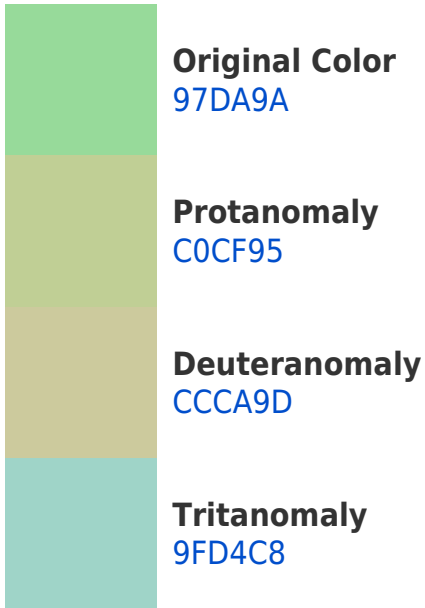
Dichromacy



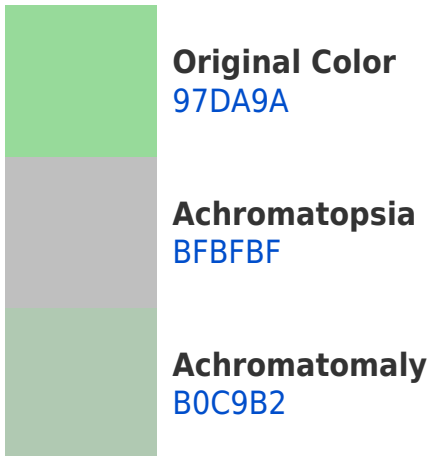


Tritanopia
A4D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97DA9A 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 #97DA9A looks like.

```
.text, #text, p{  
    color:#97DA9A  
}
```

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 #97DA9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97DA9A
}
```

Border

The CSS property to change the border of an element to Hex 97DA9A 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
#97DA9A }
```

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

```
.border{ border-color:#97DA9A }
```

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

Here you see how a box with a 4 pixel #97DA9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97DA9A; -webkit-box-shadow:4px 4px  
4px 4px #97DA9A; box-shadow:4px 4px 4px  
4px #97DA9A }
```

Background

The CSS property to change the background color of an element to Hex 97DA9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97DA9A }
```

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

```
.background{ background-color:#97DA9A }
```

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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