

Converting Colors

Hex(99DE9B)

Have a look what the booklet for
Hex(99DE9B) contains.

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Color

Hex(99DE9B)

Conversions

Conversions Part 1

Format	Color
Hex	99DE9B
RGB	153, 222, 155
RGB Percent	60%, 87%, 61%
CMY	0.4000, 0.1294, 0.3922
CMYK	0.31, 0.00, 0.30, 0.13
HSL	122°, 51%, 74%
HSV	122°, 31%, 87%
XYZ	45.1745, 61.3814, 40.4772
YIQ	193.7310, -19.6170, -35.4650

Conversions

Conversions Part 2

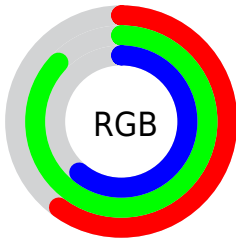
Format	Color
RYB	153, 220, 222
Decimal	10083995
CIELab	82.58, -34.73, 26.16
CIELCh	83, 43.480, 143.005
Yxy	61.3814, 0.3072, 0.4175
Android (android.graphics.Color)	4288274075 (0xFF99DE9B)
YUV	193.7310, -19.0944, -35.7211
Hunter-Lab	78.3463, -34.1828, 24.2105

Details

The Hex color **99DE9B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DE99DC**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **D1FFD2**, and **63A667** is the 20% darker color. If you saturate the color by 10%, you get **83DE85**, and if you desaturate by 10%, it is **AFDEB1**.

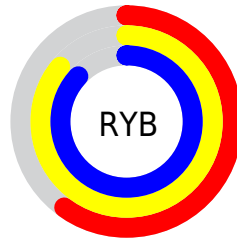
Distribution



Red (60%)

Green (87%)

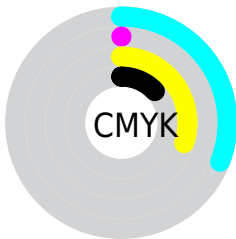
Blue (61%)



Red (60%)

Yellow (86%)

Blue (87%)

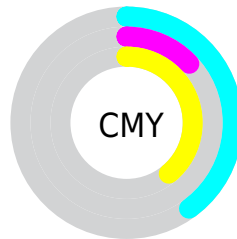


Cyan (31%)

Magenta (0%)

Yellow (30%)

Black (13%)



Cyan (40%)

Magenta (13%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99DE9B 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 99DE9B by changing the saturation by 10% instead.

 99DE9B

 99DE9B

FFFFFF

 7EC281


 D1FFD2

 63A667

 EEFFEE

 498C4F

 2F7237

 115920

 00410A

 002A00

 001000

 000000

 99DE9B

 99DE9B

 83DE85

 AFDEB1

 6DDE70

 C5DEC6

 56DE5A

 DCDEDC

 40DE45

 F2DEF1

 2ADE2F

 FFDEFF

 14DE1A

 00DE06

Harmonies

Analogous

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



C8D581



99DE9B



63E3C2

Triad

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



99DE9B



81D4FF



FFAFB0

Complementary

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



99DE9B



DE99DC

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.



FFAFD9



99DE9B



C4C6FF

Square

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



99DE9B



36DEFF



F8B8FF



FFBA8E

Rectangle

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



99DE9B



3AE3DE



F8B8FF



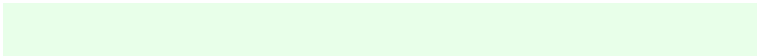
FFAEBD

Sweetspot

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



99DE9B



E8FFE9



DDDE99



718072



000000



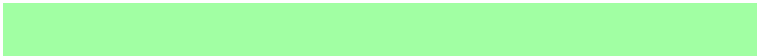
808080

Same Dimension

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



99DE9B



A1FFA3



99DEBD



657065



00B005



003001

Inverse Universe

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



DE99DC



FFA1FC



DE99BA



706570



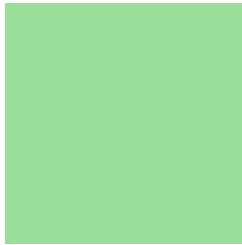
B000AB



30002F

Previews

White Background



This preview shows how the Hex color 99DE9B looks on a white background.

Color Contrast Check

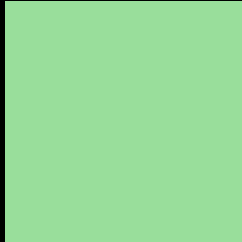
Large Text (above 18pt) WCAG AA × Fail

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 99DE9B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

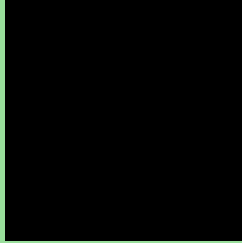
Any Text WCAG AA ✓ Pass

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 99DE9B Background



This preview shows how black text looks on a background with the Hex color 99DE9B.

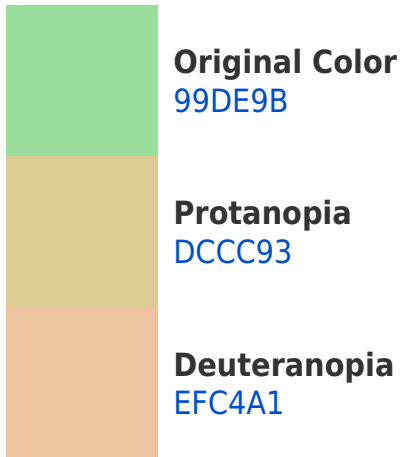


This preview shows how white text looks on a background with the Hex color 99DE9B.

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](#).

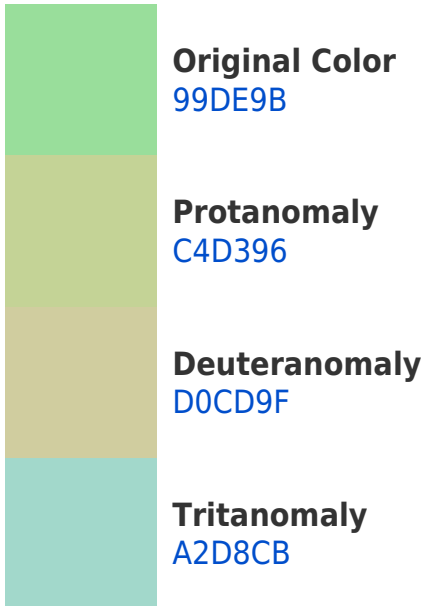
Dichromacy



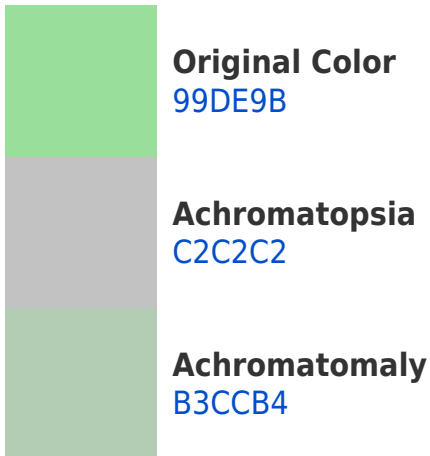


Tritanopia
A7D4E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99DE9B 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 #99DE9B looks like.

```
.text, #text, p{  
    color:#99DE9B  
}
```

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 #99DE9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99DE9B
}
```

Border

The CSS property to change the border of an element to Hex 99DE9B 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
#99DE9B }
```

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

```
.border{ border-color:#99DE9B }
```

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

Here you see how a box with a 4 pixel #99DE9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99DE9B; -webkit-box-shadow:4px 4px  
4px 4px #99DE9B; box-shadow:4px 4px 4px  
4px #99DE9B }
```

Background

The CSS property to change the background color of an element to Hex 99DE9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99DE9B }
```

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

```
.background{ background-color:#99DE9B }
```

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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