

Converting Colors

Hex(99D9C9)

Have a look what the booklet for
Hex(99D9C9) contains.

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Color

Hex(99D9C9)

Conversions

Conversions Part 1

Format	Color
Hex	99D9C9
RGB	153, 217, 201
RGB Percent	60%, 85%, 79%
CMY	0.4000, 0.1490, 0.2118
CMYK	0.29, 0.00, 0.07, 0.15
HSL	165°, 46%, 73%
HSV	165°, 29%, 85%
XYZ	48.4923, 60.6151, 64.4024
YIQ	196.0400, -33.0080, -18.5440

Conversions

Conversions Part 2

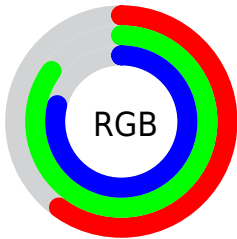
Format	Color
RYB	153, 190, 217
Decimal	10082761
CIELab	82.17, -23.62, 1.38
CIELCh	82, 23.664, 176.665
Yxy	60.6151, 0.2795, 0.3493
Android (android.graphics.Color)	4288272841 (0xFF99D9C9)
YUV	196.0400, 2.4453, -37.7461
Hunter-Lab	77.8557, -25.0689, 5.4541

Details

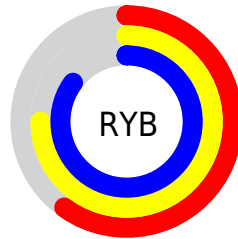
The Hex color **99D9C9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D999A9**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D1FFFF**, and **64A293** is the 20% darker color. If you saturate the color by 10%, you get **83D9C4**, and if you desaturate by 10%, it is **AFD9CE**.

Distribution



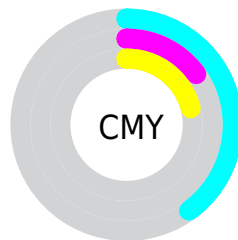
- Red (60%)
- Green (85%)
- Blue (79%)



- Red (60%)
- Yellow (75%)
- Blue (85%)



- Cyan (29%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (40%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99D9C9 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 99D9C9 by changing the saturation by 10% instead.

 99D9C9

 99D9C9

FFFFFF

 7EBDAE

 D1FFFF

 64A293

 EEEFFF

 4A8779

 306E61

 135549

 003E32

 00271D

 000E04

 000000

 99D9C9

 99D9C9

 83D9C4

 AFD9CE

 6ED9BE

 C4D9D4

 58D9B9

 DAD9D9

 42D9B3

 F0D9DF

 2CD9AE

 FFD9E4

 17D9A8

 FFD9EA

 01D9A3

 FFD9EF

 00D9A3

 FFD9F4

 FFD9FA

Harmonies

Analogous

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



AFD6B3



99D9C9



8FD9DF

Triad

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



99D9C9



CDC8F4



F2C3A8

Complementary

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



99D9C9



D999A9

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.



FABEB9



99D9C9



E7C1E5

Square

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



99D9C9



AFCFF8



F7BDD0



E0CAA0

Rectangle

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



99D9C9



92D7EC



F7BDD0



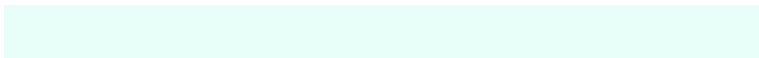
F6C1AD

Sweetspot

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



99D9C9



E8FFF9



A9D999



71807C



000000



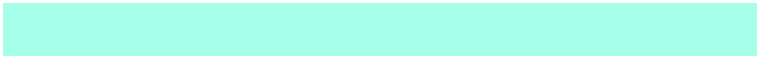
808080

Same Dimension

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



99D9C9



A6FFE9



99C9D9



636E6B



00AD82



002E22

Inverse Universe

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



D999A9



FFA6BC



D9A999



6E6365



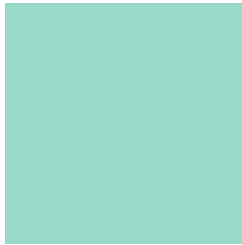
AD002B



2E000B

Previews

White Background



This preview shows how the Hex color 99D9C9 looks on a white background.

Color Contrast Check

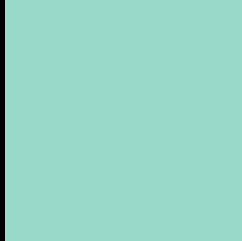
Large Text (above 18pt) WCAG AA × Fail

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 99D9C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

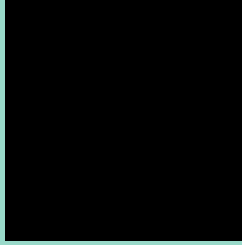
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

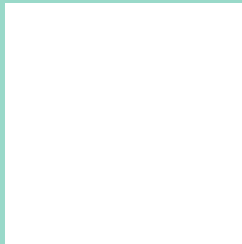
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 99D9C9 Background



This preview shows how black text looks on a background with the Hex color 99D9C9.

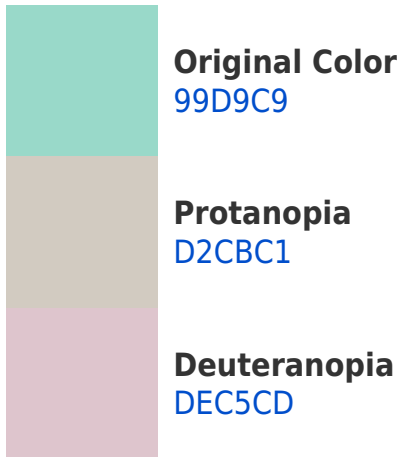


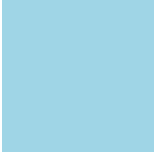
This preview shows how white text looks on a background with the Hex color 99D9C9.

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
9FD5E6

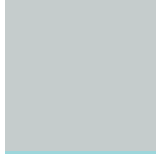
Trichromacy



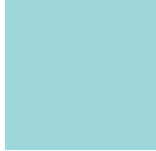
Original Color
99D9C9



Protanomaly
BDD0C4



Deuteranomaly
C5CCCC

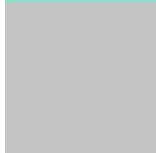


Tritanomaly
9DD6DB

Monochromacy



Original Color
99D9C9



Achromatopsia
C4C4C4



Achromatomaly
B4CCC6

CSS Examples

Text

The CSS property to change the color of the text to Hex 99D9C9 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 #99D9C9 looks like.

```
.text, #text, p{  
    color:#99D9C9  
}
```

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 #99D9C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99D9C9
}
```

Border

The CSS property to change the border of an element to Hex 99D9C9 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
#99D9C9 }
```

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

```
.border{ border-color:#99D9C9 }
```

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

Here you see how a box with a 4 pixel #99D9C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99D9C9; -webkit-box-shadow:4px 4px  
4px 4px #99D9C9; box-shadow:4px 4px 4px  
4px #99D9C9 }
```

Background

The CSS property to change the background color of an element to Hex 99D9C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99D9C9 }
```

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

```
.background{ background-color:#99D9C9 }
```

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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