

Converting Colors

Hex(99DCA8)

Have a look what the booklet for
Hex(99DCA8) contains.

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Color

Hex(99DCA8)

Conversions

Conversions Part 1

Format	Color
Hex	99DCA8
RGB	153, 220, 168
RGB Percent	60%, 86%, 66%
CMY	0.4000, 0.1373, 0.3412
CMYK	0.30, 0.00, 0.24, 0.14
HSL	133°, 49%, 73%
HSV	133°, 30%, 86%
XYZ	45.7980, 60.7859, 46.3648
YIQ	194.0390, -23.2400, -30.3760

Conversions

Conversions Part 2

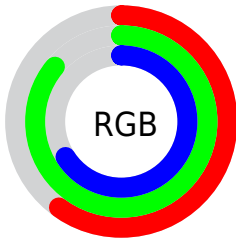
Format	Color
RYB	153, 208, 220
Decimal	10083496
CIELab	82.26, -31.56, 18.95
CIELCh	82, 36.815, 149.014
Yxy	60.7859, 0.2994, 0.3974
Android (android.graphics.Color)	4288273576 (0xFF99DCA8)
YUV	194.0390, -12.8372, -35.9912
Hunter-Lab	77.9653, -31.5857, 19.3168

Details

The Hex color **99DCA8** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DC99CD**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **D1FFDF**, and **64A574** is the 20% darker color. If you saturate the color by 10%, you get **83DC97**, and if you desaturate by 10%, it is **AFDCB9**.

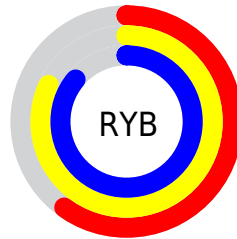
Distribution



Red (60%)

Green (86%)

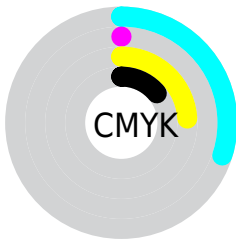
Blue (66%)



Red (60%)

Yellow (82%)

Blue (86%)

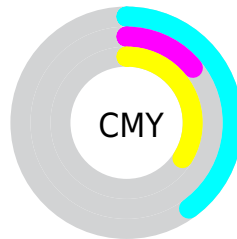


Cyan (30%)

Magenta (0%)

Yellow (24%)

Black (14%)



Cyan (40%)

Magenta (14%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99DCA8 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 99DCA8 by changing the saturation by 10% instead.

 99DCA8

 99DCA8

FFFFFF

 7EC08D

 D1FFDF

 64A574

 EEFFFC

 4A8A5B

 307043

 13572D

 003F17

 002900

 000F00

 000000

 99DCA8

 99DCA8

 83DC97

 AFDCB9

 6DDC86

 C5DCCA

 57DC75

 DBDCDB

 41DC64

 F1DCEC

 2BDC53

 FFDCFD

 15DC42

 FFDCFF

 00DC31

Harmonies

Analogous

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



C1D58F



99DCA8



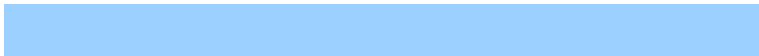
71DFCA

Triad

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



99DCA8



9CD0FF



FFB5AD

Complementary

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



99DCA8



DC99CD

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.



FFB3CF



99DCA8



D0C4FF

Square

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



99DCA8



6BDAFF



F8B9F1



FFBE93

Rectangle

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



99DCA8



5CDFE2



F8B9F1



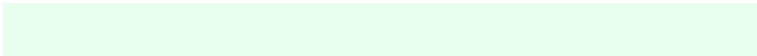
FFB3B8

Sweetspot

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



99DCA8



E8FFED



CDDC99



718075



000000



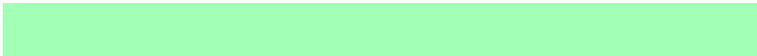
808080

Same Dimension

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



99DCA8



A1FFB6



99DCC9



636E65



00AD27



002E0A

Inverse Universe

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



DC99CD



FFA1EA



DC99AC



6E636B



AD0087



2E0024

Previews

White Background



This preview shows how the Hex color 99DCA8 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 99DCA8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

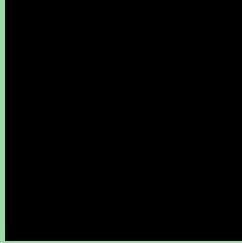
Any Text WCAG AA ✓ Pass

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 99DCA8 Background



This preview shows how black text looks on a background with the Hex color 99DCA8.

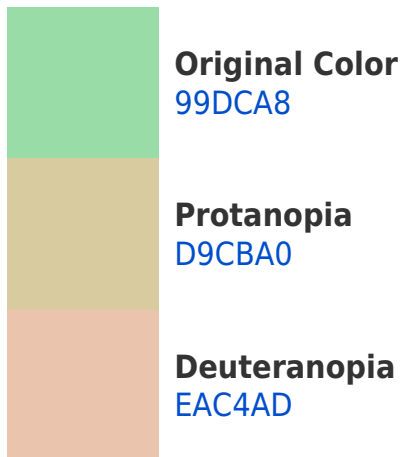


This preview shows how white text looks on a background with the Hex color 99DCA8.

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](#).

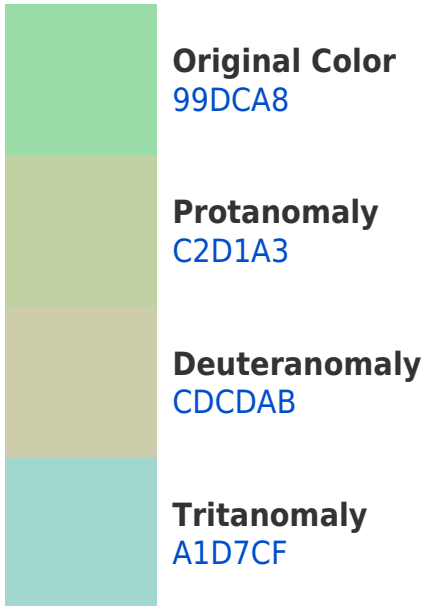
Dichromacy



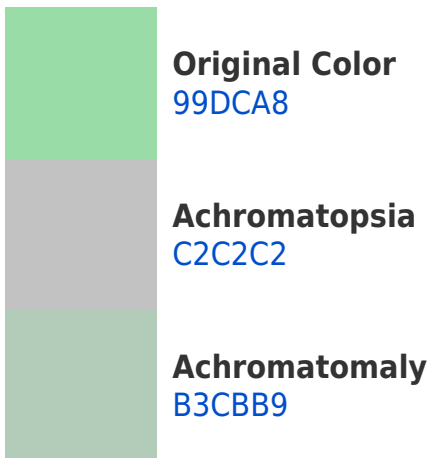


Tritanopia
A5D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99DCA8 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 #99DCA8 looks like.

```
.text, #text, p{  
    color:#99DCA8  
}
```

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 #99DCA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99DCA8  
}
```

Border

The CSS property to change the border of an element to Hex 99DCA8 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  
#99DCA8 }
```

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

```
.border{ border-color:#99DCA8 }
```

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

Here you see how a box with a 4 pixel #99DCA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99DCA8; -webkit-box-shadow:4px 4px  
4px 4px #99DCA8; box-shadow:4px 4px 4px  
4px #99DCA8 }
```

Background

The CSS property to change the background color of an element to Hex 99DCA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99DCA8 }
```

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

```
.background{ background-color:#99DCA8 }
```

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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