

# Converting Colors

Hex(8DD9A8)

Have a look what the booklet for  
Hex(8DD9A8) contains.

<b>Hex(8DD9A8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(8DD9A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DD9A8
RGB	141, 217, 168
RGB Percent	55%, 85%, 66%
CMY	0.4471, 0.1490, 0.3412
CMYK	0.35, 0.00, 0.23, 0.15
HSL	141°, 50%, 70%
HSV	141°, 35%, 85%
XYZ	42.8652, 58.1156, 46.0040
YIQ	188.6900, -29.5670, -31.3510

# Conversions

## Conversions Part 2

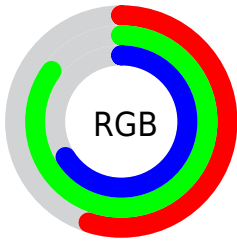
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">141, 197, 217</a>
Decimal	<a href="#">9296296</a>
CIELab	<a href="#">80.80, -33.82, 16.83</a>
CIElCh	<a href="#">81, 37.774, 153.547</a>
Yxy	<a href="#">58.1156, 0.2916, 0.3954</a>
Android (android.graphics.Color)	<a href="#">4287486376 (0xFF8DD9A8)</a>
YUV	<a href="#">188.6900, -10.2002, -41.8241</a>
Hunter-Lab	<a href="#">76.2336, -33.0403, 17.5843</a>

# Details

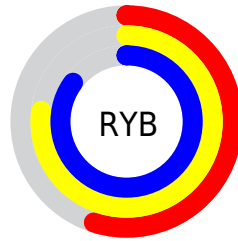
The Hex color **8DD9A8** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D98DBE**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **C5FFDF**, and **57A274** is the 20% darker color. If you saturate the color by 10%, you get **77D99A**, and if you desaturate by 10%, it is **A3D9B6**.

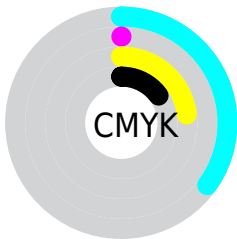
# Distribution



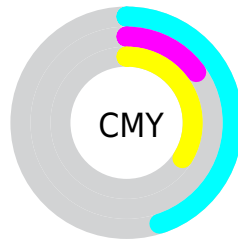
- Red (55%)
- Green (85%)
- Blue (66%)



- Red (55%)
- Yellow (77%)
- Blue (85%)



- Cyan (35%)
- Magenta (0%)
- Yellow (23%)
- Black (15%)



- Cyan (45%)
- Magenta (15%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DD9A8 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 8DD9A8 by changing the saturation by 10% instead.



 8DD9A8

 8DD9A8

FFFFFF


 72BD8D

 C5FFDF

 57A274

 E1FFFC

 3D875B

 216D43

 00552D

 003D18

 002700

 000500

 000000

 8DD9A8

 8DD9A8

 77D99A

 A3D9B6

 62D98C

 B8D9C4

 4CD97E

 CED9D2

 36D970

 E4D9E0

 20D962

 FAD9EE

 0BD954

 FFD9FC

 00D94D

 FFD9FF

# Harmonies

## Analogous

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



B7D28D



8DD9A8



63DCCC

# Triad

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



8DD9A8



9FCBFF



FFB1A3

# Complementary

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



8DD9A8



D98DBE

# 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.



FFAEC6



8DD9A8



D3BEFF

# Square

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



8DD9A8



69D5FF



F9B3E9



FBBC8A

# Rectangle

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



8DD9A8



4FDBE4



F9B3E9



FFAFAE

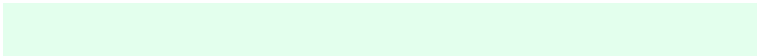


# Sweetspot

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



8DD9A8



E3FFED



BED98D



6F8075



000000



808080

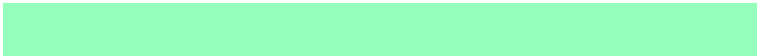


# Same Dimension

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



8DD9A8



94FFBA



8DD9CE



636E67



00AD3E



002E10



# Inverse Universe

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



D98DBE



FF94D9



D98D98



6E636A



AD0070

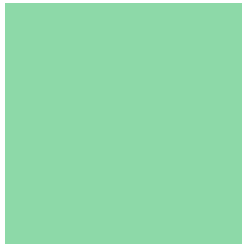


2E001E



# Previews

## White Background



This preview shows how the Hex color 8DD9A8 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 8DD9A8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

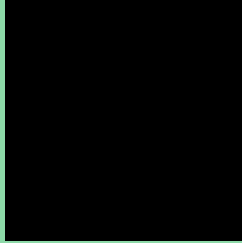
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8DD9A8 Background



This preview shows how black text looks on a background with the Hex color 8DD9A8.

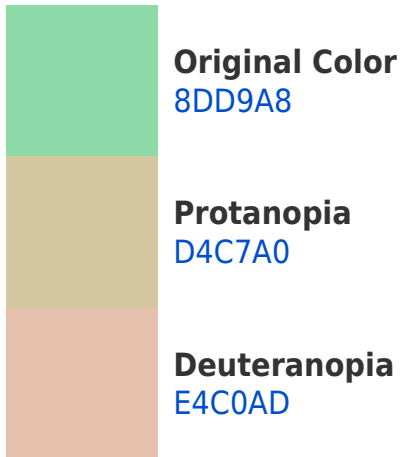


This preview shows how white text looks on a background with the Hex color 8DD9A8.

# 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](#).

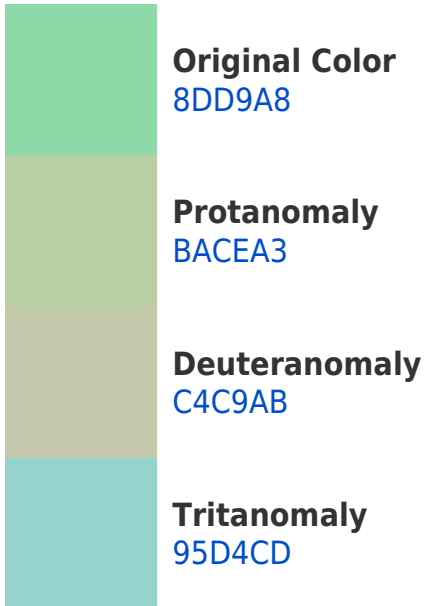
## Dichromacy



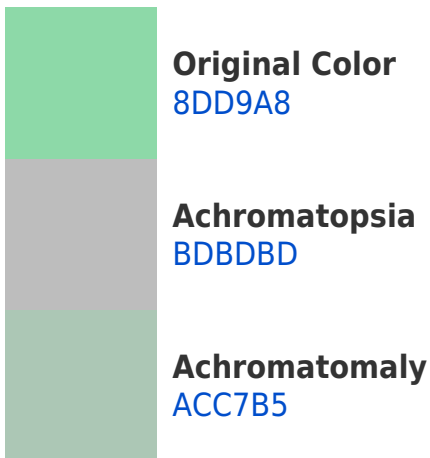


**Tritanopia**  
99D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DD9A8 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 #8DD9A8 looks like.

```
.text, #text, p{  
    color:#8DD9A8  
}
```

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 #8DD9A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DD9A8  
}
```

## Border

The CSS property to change the border of an element to Hex 8DD9A8 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  
#8DD9A8 }
```

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

```
.border{ border-color:#8DD9A8 }
```

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

Here you see how a box with a 4 pixel #8DD9A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DD9A8; -webkit-box-shadow:4px 4px  
4px 4px #8DD9A8; box-shadow:4px 4px 4px  
4px #8DD9A8 }
```

# Background

The CSS property to change the background color of an element to Hex 8DD9A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DD9A8 }
```

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

```
.background{ background-color:#8DD9A8 }
```

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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