

Converting Colors

Hex(8DDD9D)

Have a look what the booklet for
Hex(8DDD9D) contains.

Hex(8DDD9D)	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(8DDD9D)

Conversions

Conversions Part 1

Format	Color
Hex	8DDD9D
RGB	141, 221, 157
RGB Percent	55%, 87%, 62%
CMY	0.4471, 0.1333, 0.3843
CMYK	0.36, 0.00, 0.29, 0.13
HSL	132°, 54%, 71%
HSV	132°, 36%, 87%
XYZ	42.9268, 59.8099, 41.1803
YIQ	189.7840, -27.1360, -36.8640

Conversions

Conversions Part 2

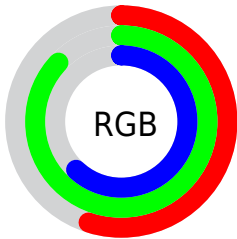
Format	Color
RYB	141, 208, 221
Decimal	9297309
CIELab	81.73, -37.65, 23.87
CIELCh	82, 44.582, 147.623
Yxy	59.8099, 0.2983, 0.4156
Android (android.graphics.Color)	4287487389 (0xFF8DDD9D)
YUV	189.7840, -16.1625, -42.7836
Hunter-Lab	77.3369, -36.2610, 22.5651

Details

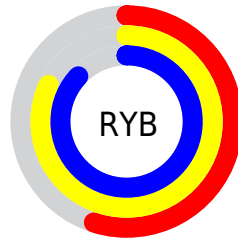
The Hex color **8DDD9D** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DD8DCD**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **C5FFD4**, and **57A569** is the 20% darker color. If you saturate the color by 10%, you get **77DD8B**, and if you desaturate by 10%, it is **A3DDAF**.

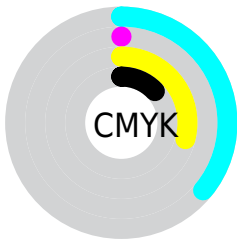
Distribution



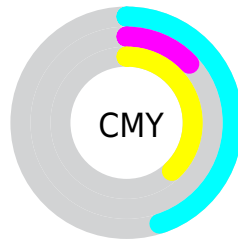
- Red (55%)
- Green (87%)
- Blue (62%)



- Red (55%)
- Yellow (82%)
- Blue (87%)



- Cyan (36%)
- Magenta (0%)
- Yellow (29%)
- Black (13%)



- Cyan (45%)
- Magenta (13%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DDD9D 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 8DDD9D by changing the saturation by 10% instead.

 8DDD9D

FFFFFF

 C5FFD4

 E2FFF0

 8DDD9D

 72C183

 57A569

 3C8B51

 1E7139

 005823

 00400D

 002900

 000C00

 000000

 8DDD9D

 8DDD9D

 77DD8B

 A3DDAF

 61DD7A

 B9DDC0

 4BDD68

 CFDDD2

 35DD56

 E5DDE4

 1EDD45

 FCDDF5

 08DD33

 FFDDFF

 00DD2C

Harmonies

Analogous

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



BFD480



8DDD9D



52E1C6

Triad

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



8DDD9D



87D0FF



FFADA7

Complementary

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



8DDD9D



DD8DCD

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.



FFABD0



8DDD9D



CBC2FF

Square

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



8DDD9D



32DBFF



FDB3F9



FFB986

Rectangle

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



8DDD9D



1AE1E3



FDB3F9



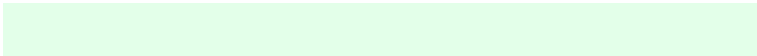
FFABB4

Sweetspot

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



8DDD9D



E3FFE9



CDDD8D



6F8072



000000



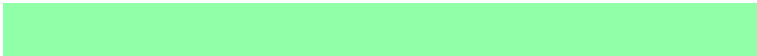
808080

Same Dimension

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



8DDD9D



91FFA7



8DDDC5



636E65



00AD23



002E09

Inverse Universe

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



DD8DCD



FF91E9



DD8DA5



6E636B



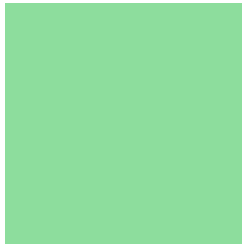
AD008B



2E0025

Previews

White Background



This preview shows how the Hex color 8DDD9D looks on a white background.

Color Contrast Check

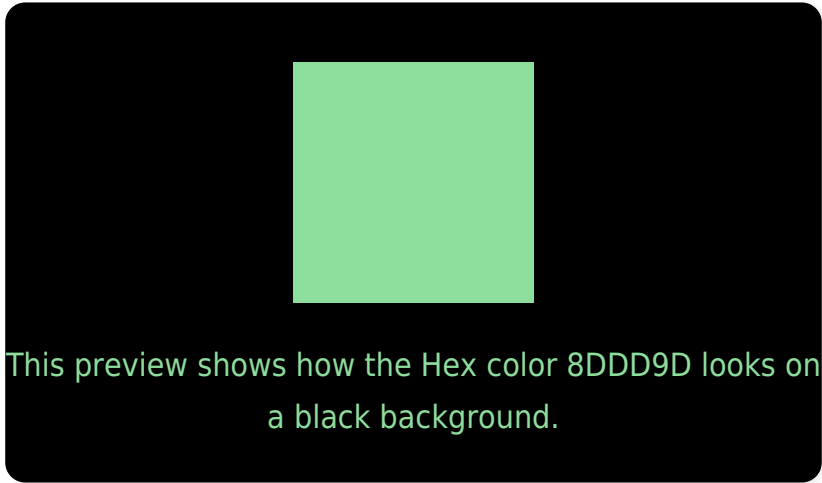
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

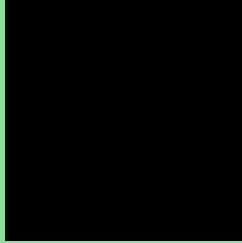
Any Text WCAG AA ✓ Pass

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 8DDD9D Background



This preview shows how black text looks on a background with the Hex color 8DDD9D.

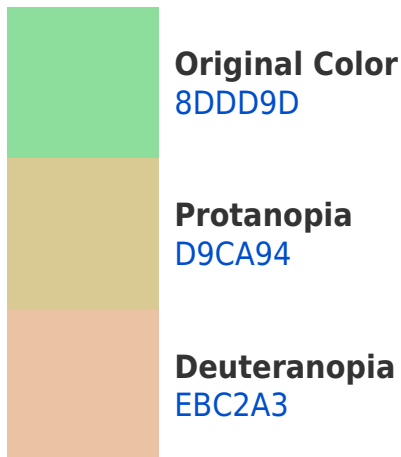


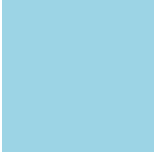
This preview shows how white text looks on a background with the Hex color 8DDD9D.

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](#).

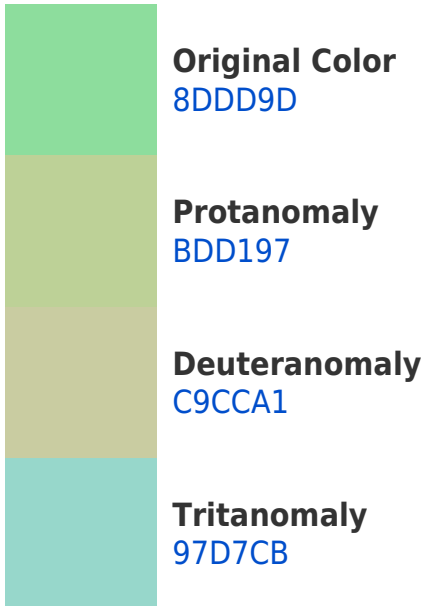
Dichromacy



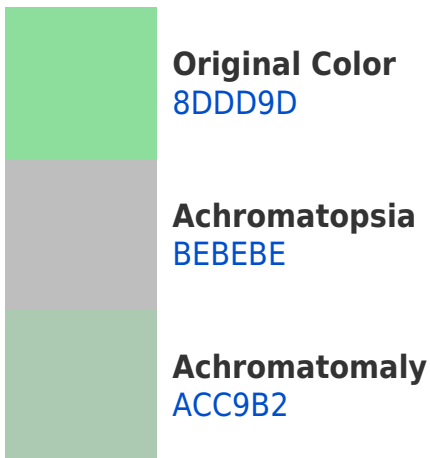


Tritanopia
9CD4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8DDD9D 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 #8DDD9D looks like.

```
.text, #text, p{  
    color:#8DDD9D  
}
```

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 #8DDD9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DDD9D
}
```

Border

The CSS property to change the border of an element to Hex 8DDD9D 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
#8DDD9D }
```

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

```
.border{ border-color:#8DDD9D }
```

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

Here you see how a box with a 4 pixel #8DDD9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DDD9D; -webkit-box-shadow:4px 4px  
4px 4px #8DDD9D; box-shadow:4px 4px 4px  
4px #8DDD9D }
```

Background

The CSS property to change the background color of an element to Hex 8DDD9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DDD9D }
```

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

```
.background{ background-color:#8DDD9D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor