

# Converting Colors

Hex(8DB982)

Have a look what the booklet for  
Hex(8DB982) contains.

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# **Color**

**Hex(8DB982)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DB982
RGB	141, 185, 130
RGB Percent	55%, 73%, 51%
CMY	0.4471, 0.2745, 0.4902
CMYK	0.24, 0.00, 0.30, 0.27
HSL	108°, 28%, 62%
HSV	108°, 30%, 73%
XYZ	32.3627, 41.9723, 27.5149
YIQ	165.5740, -8.5690, -26.4330

# Conversions

## Conversions Part 2

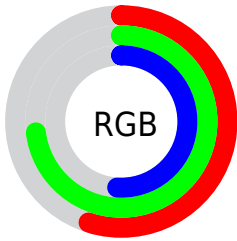
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 185, 174
Decimal	9288066
CIELab	70.85, -25.22, 23.30
CIELCh	71, 34.333, 137.262
Yxy	41.9723, 0.3177, 0.4121
Android (android.graphics.Color)	4287478146 (0xFF8DB982)
YUV	165.5740, -17.5380, -21.5514
Hunter-Lab	64.7861, -24.2091, 20.1696

# Details

The Hex color **8DB982** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AE82B9**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **C4F1B7**, and **598450** is the 20% darker color. If you saturate the color by 10%, you get **7EB970**, and if you desaturate by 10%, it is **9CB995**.

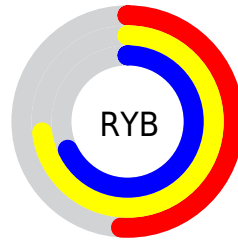
# Distribution



Red (55%)

Green (73%)

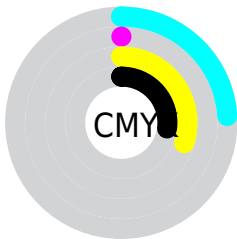
Blue (51%)



Red (51%)

Yellow (73%)

Blue (68%)

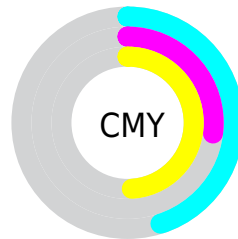


Cyan (24%)

Magenta (0%)

Yellow (30%)

Black (27%)



Cyan (45%)

Magenta (27%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DB982 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 8DB982 by changing the saturation by 10% instead.





8DB982



8DB982

FFFFFF



739E69



C4F1B7



598450



E0FFD3



416A39



FDFFEF



295222



103A0C



002500



000600



000000



8DB982



8DB982

 7EB970

 9CB995

 6FB95D

 ABB9A7

 61B94A

 B9B9BA

 52B938

 C8B9CC

 43B926

 D7B9DE

 34B913

 E6B9F1

 25B901

 F5B9FF

 25B900

 FFB9FF

# Harmonies

## Analogous

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



B0B171



8DB982



67BD9F

# Triad

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



8DB982



6DB4EA



EB969C

# Complementary

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



8DB982



AE82B9

# 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.



E297BC



8DB982



9EAAE9

# Square

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



8DB982



44BBDA



C89FD8



E49D81

# Rectangle

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



8DB982



4FBEB4



C89FD8



EA96A7

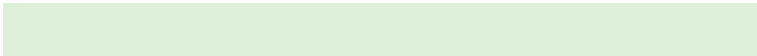


# Sweetspot

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



8DB982



DEF0DA



B9AE82



6D786B



F7F7F7



787878

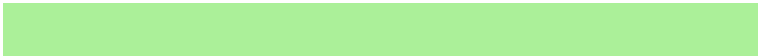


# Same Dimension

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



8DB982



ABF099



82B992



545C53



1F9C00



061C00



# Inverse Universe

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



AE82B9



DE99F0



B982A9



5A535C



7C009C



16001C



# Previews

## White Background



This preview shows how the Hex color 8DB982 looks on a white background.

## Color Contrast Check

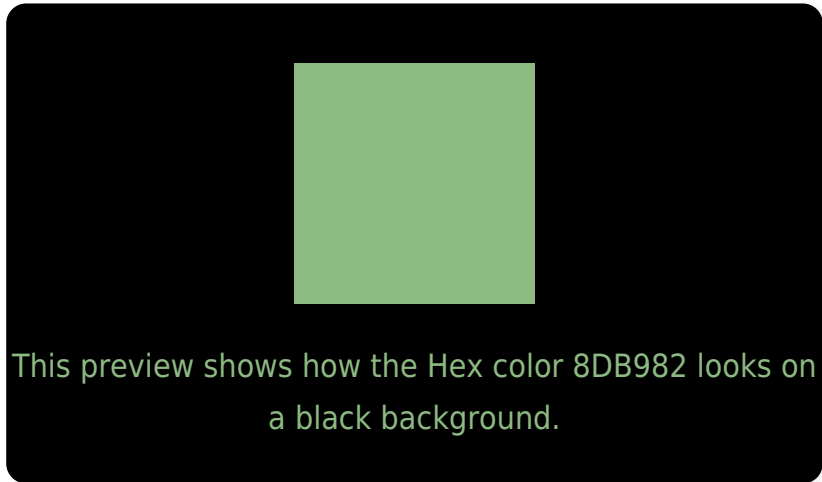
Large Text (above 18pt) WCAG AA × Fail

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 8DB982 Background



This preview shows how black text looks on a background with the Hex color 8DB982.

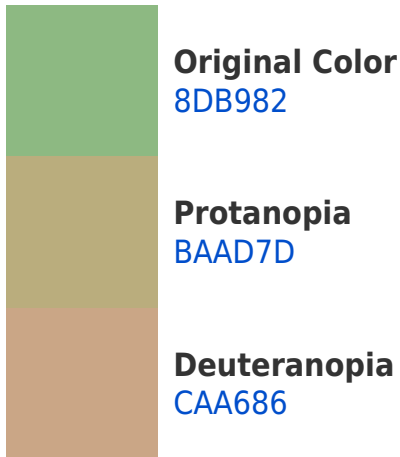


This preview shows how white text looks on a background with the Hex color 8DB982.

# 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](#).

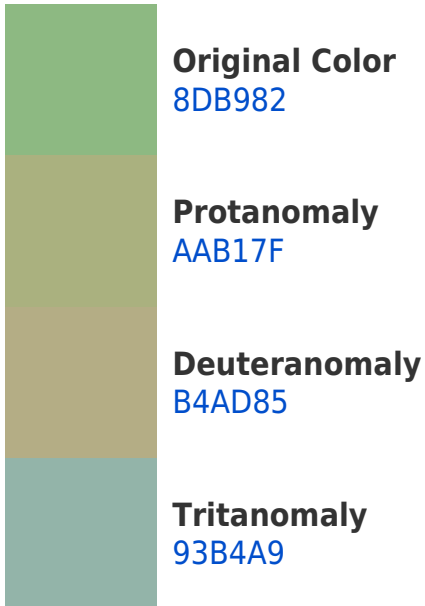
## Dichromacy



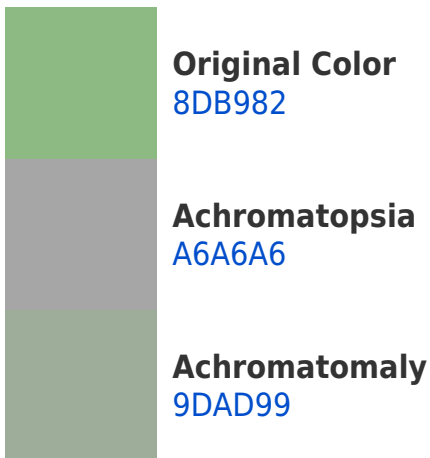


**Tritanopia**  
97B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DB982 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 #8DB982 looks like.

```
.text, #text, p{  
    color:#8DB982  
}
```

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 #8DB982 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DB982
}
```

## Border

The CSS property to change the border of an element to Hex 8DB982 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
#8DB982 }
```

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

```
.border{ border-color:#8DB982 }
```

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

Here you see how a box with a 4 pixel #8DB982 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DB982; -webkit-box-shadow:4px 4px  
4px 4px #8DB982; box-shadow:4px 4px 4px  
4px #8DB982 }
```

# Background

The CSS property to change the background color of an element to Hex 8DB982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DB982 }
```

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

```
.background{ background-color:#8DB982 }
```

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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