

# Converting Colors

Hex(9DB07E)

Have a look what the booklet for  
Hex(9DB07E) contains.

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# **Color**

**Hex(9DB07E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DB07E
RGB	157, 176, 126
RGB Percent	62%, 69%, 49%
CMY	0.3843, 0.3098, 0.5059
CMYK	0.11, 0.00, 0.28, 0.31
HSL	83°, 24%, 59%
HSV	83°, 28%, 69%
XYZ	33.1959, 39.7251, 25.6568
YIQ	164.6190, 4.7260, -19.5780

# Conversions

## Conversions Part 2

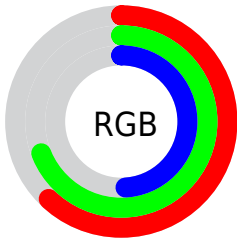
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 176, 145
Decimal	10334334
CIELab	69.27, -15.44, 23.49
CIELCh	69, 28.112, 123.318
Yxy	39.7251, 0.3367, 0.4030
Android (android.graphics.Color)	4288524414 (0xFF9DB07E)
YUV	164.6190, -19.0392, -6.6819
Hunter-Lab	63.0279, -16.2854, 19.9843

# Details

The Hex color **9DB07E** is a light color, and the websafe version is hex **999966**. A complement of this color would be **917EB0**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D4E8B3**, and **697B4C** is the 20% darker color. If you saturate the color by 10%, you get **96B06C**, and if you desaturate by 10%, it is **A4B090**.

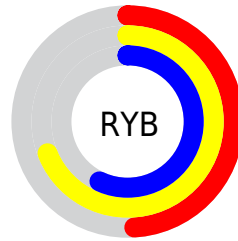
# Distribution



Red (62%)

Green (69%)

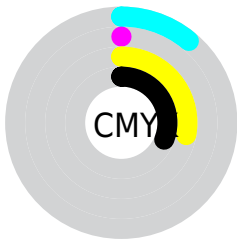
Blue (49%)



Red (49%)

Yellow (69%)

Blue (57%)

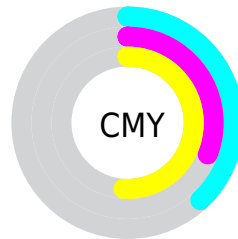


Cyan (11%)

Magenta (0%)

Yellow (28%)

Black (31%)



Cyan (38%)

Magenta (31%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DB07E 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 9DB07E by changing the saturation by 10% instead.



 9DB07E

 9DB07E

FFFFFF

 839565

 D4E8B3

 697B4C

 F1FFCF

 506335

 FFFFEB

 394B1F

 223408

 0B1F00

 000000

 9DB07E

 9DB07E

 96B06C

 A4B090

 90B05B

 AAB0A1

 89B049

 B1B0B3

 82B038

 B8B0C4

 7CB026

 BEB0D6

 75B014

 C5B0E8

 6EB003

 CCB0F9

 6DB000

 D3B0FF

 D9B0FF

# Harmonies

## Analogous

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



B9A876



9DB07E



80B591

# Triad

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



9DB07E



6AB2D6



DB96A7

# Complementary

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



9DB07E



917EB0

# 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.



CC9AC0



9DB07E



8DABDC

# Square

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



9DB07E



5AB6C4



B1A2D4



DB998E

# Rectangle

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



9DB07E



6DB7A2



B1A2D4



D797B0



# Sweetspot

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



9DB07E



DEE6D1



B0907E



6E7366



F2F2F2



737373



# Same Dimension

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



9DB07E



C8E697



85B07E



565950



5F9900



101A00



# Inverse Universe

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



917EB0



B597E6



A97EB0



545059



3A0099



0A001A



# Previews

## White Background



This preview shows how the Hex color 9DB07E looks on a white background.

## Color Contrast Check

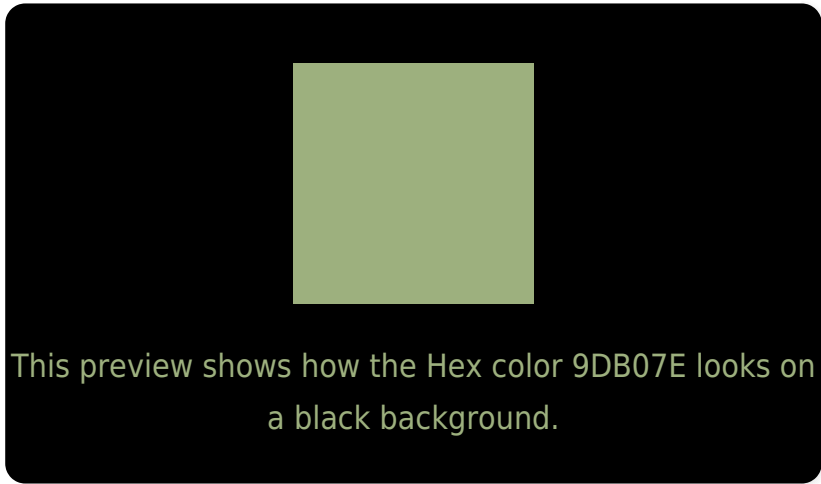
Large Text (above 18pt) WCAG AA × Fail

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

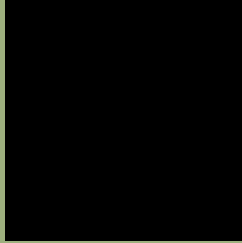
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9DB07E Background



This preview shows how black text looks on a background with the Hex color 9DB07E.

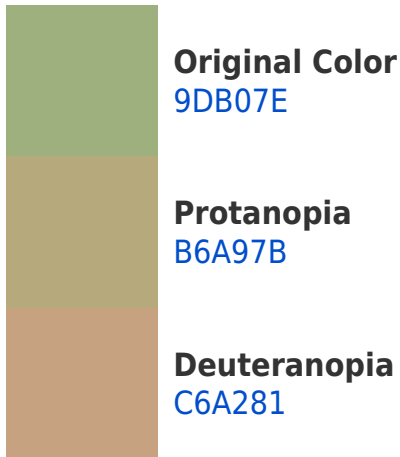


This preview shows how white text looks on a background with the Hex color 9DB07E.

# 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](#).

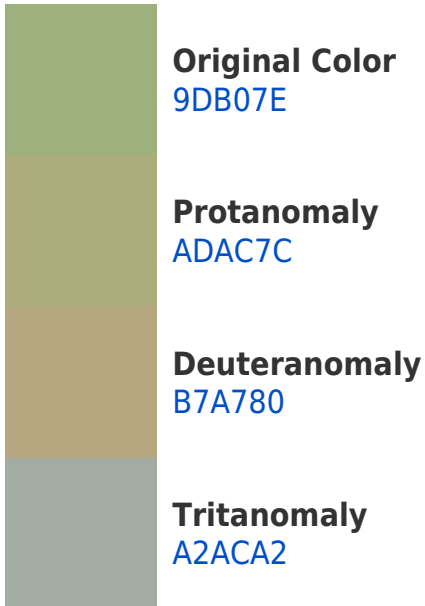
## Dichromacy





**Tritanopia**  
A5A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DB07E 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 #9DB07E looks like.

```
.text, #text, p{  
    color:#9DB07E  
}
```

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 #9DB07E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DB07E
}
```

## Border

The CSS property to change the border of an element to Hex 9DB07E 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
#9DB07E }
```

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

```
.border{ border-color:#9DB07E }
```

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

Here you see how a box with a 4 pixel #9DB07E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DB07E; -webkit-box-shadow:4px 4px  
4px 4px #9DB07E; box-shadow:4px 4px 4px  
4px #9DB07E }
```

# Background

The CSS property to change the background color of an element to Hex 9DB07E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DB07E }
```

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

```
.background{ background-color:#9DB07E }
```

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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