

Converting Colors

Hex(9DB97D)

Have a look what the booklet for
Hex(9DB97D) contains.

Hex(9DB97D)	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(9DB97D)

Conversions

Conversions Part 1

Format	Color
Hex	9DB97D
RGB	157, 185, 125
RGB Percent	62%, 73%, 49%
CMY	0.3843, 0.2745, 0.5098
CMYK	0.15, 0.00, 0.32, 0.27
HSL	88°, 30%, 61%
HSV	88°, 32%, 73%
XYZ	34.9553, 43.3467, 25.9264
YIQ	169.7880, 2.5720, -24.5960

Conversions

Conversions Part 2

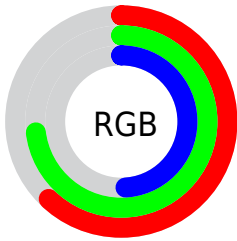
Format	Color
RYB	125, 185, 153
Decimal	10336637
CIELab	71.79, -20.17, 27.40
CIELCh	72, 34.025, 126.365
Yxy	43.3467, 0.3354, 0.4159
Android (android.graphics.Color)	4288526717 (0xFF9DB97D)
YUV	169.7880, -22.0805, -11.2151
Hunter-Lab	65.8382, -20.4464, 22.7389

Details

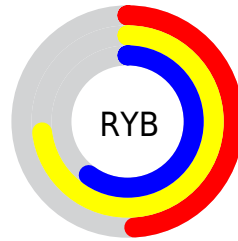
The Hex color **9DB97D** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **997DB9**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D4F1B2**, and **69844B** is the 20% darker color. If you saturate the color by 10%, you get **94B96A**, and if you desaturate by 10%, it is **A6B990**.

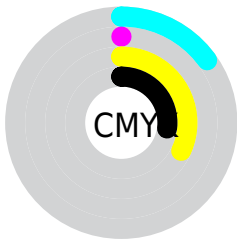
Distribution



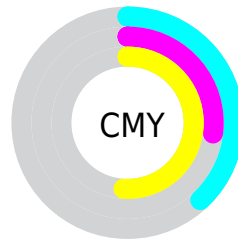
- Red (62%)
- Green (73%)
- Blue (49%)



- Red (49%)
- Yellow (73%)
- Blue (60%)



- Cyan (15%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)



- Cyan (38%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DB97D 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 9DB97D by changing the saturation by 10% instead.



9DB97D



9DB97D

FFFFFF



829E64



D4F1B2



69844B



F1FFCE



506B34



FFFFEA



38521D



213B06



0A2500



000C00



000000



9DB97D



9DB97D

 94B96A

 A6B990

 8CB958

 AEB9A2

 83B945

 B7B9B5

 7AB933

 C0B9C7

 72B921

 C8B9DA

 69B90E

 D1B9EC

 63B900

 D9B9FE

 E2B9FF

 EBB9FF

Harmonies

Analogous

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



BFB072



9DB97D



78BF96

Triad

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



9DB97D



60BAE8



EC98AA

Complementary

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



9DB97D



997DB9

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.



DD9CC9



9DB97D



90B1ED

Square

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



9DB97D



43BFD4



BDA6E2



EB9C8D

Rectangle

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



9DB97D



5FC1AB



BDA6E2



E999B5

Sweetspot

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



9DB97D



E5F0D8



B9997D



717869



F7F7F7



787878

Same Dimension

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



9DB97D



C4F092



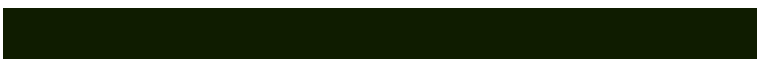
80B97D



585C53



539C00



0F1C00

Inverse Universe

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



997DB9



BE92F0



B77DB9



57535C



49009C



0D001C

Previews

White Background



This preview shows how the Hex color 9DB97D looks on a white background.

Color Contrast Check

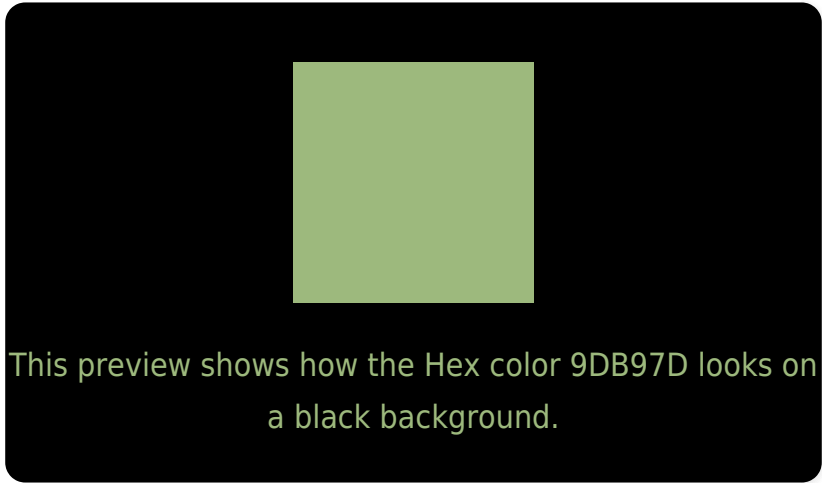
Large Text (above 18pt) WCAG AA × Fail

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

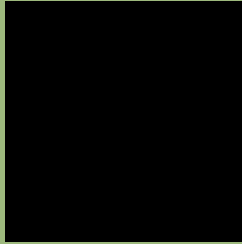
Any Text WCAG AA ✓ Pass

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 9DB97D Background



This preview shows how black text looks on a background with the Hex color 9DB97D.

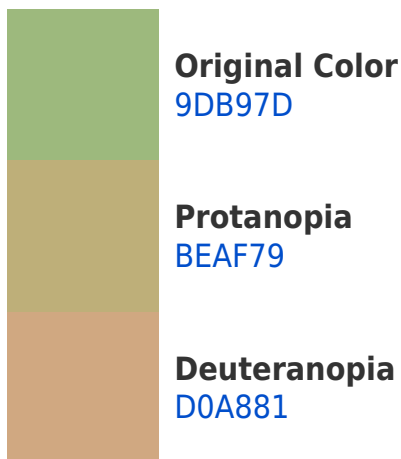


This preview shows how white text looks on a background with the Hex color 9DB97D.

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
A7B1BF

Trichromacy



Original Color
9DB97D

Protanomaly
B2B37A

Deuteranomaly
BDAE80

Tritanomaly
A3B4A7

Monochromacy



Original Color
9DB97D

Achromatopsia
AAAAAA

Achromatomaly
A5AF9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DB97D 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 #9DB97D looks like.

```
.text, #text, p{  
    color:#9DB97D  
}
```

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 #9DB97D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DB97D
}
```

Border

The CSS property to change the border of an element to Hex 9DB97D 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
#9DB97D }
```

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

```
.border{ border-color:#9DB97D }
```

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

Here you see how a box with a 4 pixel #9DB97D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DB97D; -webkit-box-shadow:4px 4px  
4px 4px #9DB97D; box-shadow:4px 4px 4px  
4px #9DB97D }
```

Background

The CSS property to change the background color of an element to Hex 9DB97D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DB97D }
```

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

```
.background{ background-color:#9DB97D }
```

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