

Converting Colors

Hex(9DBC87)

Have a look what the booklet for
Hex(9DBC87) contains.

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Color

Hex(9DBC87)

Conversions

Conversions Part 1

Format	Color
Hex	9DBC87
RGB	157, 188, 135
RGB Percent	62%, 74%, 53%
CMY	0.3843, 0.2627, 0.4706
CMYK	0.16, 0.00, 0.28, 0.26
HSL	95°, 28%, 63%
HSV	95°, 28%, 74%
XYZ	36.2610, 44.8838, 29.6740
YIQ	172.6890, -1.4630, -23.0550

Conversions

Conversions Part 2

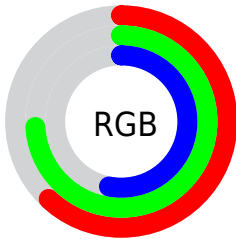
Format	Color
RYB	135, 188, 166
Decimal	10337415
CIELab	72.82, -20.19, 23.46
CIElCh	73, 30.952, 130.713
Yxy	44.8838, 0.3272, 0.4050
Android (android.graphics.Color)	4288527495 (0xFF9DBC87)
YUV	172.6890, -18.5807, -13.7593
Hunter-Lab	66.9954, -20.6294, 20.6357

Details

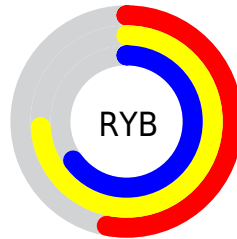
The Hex color **9DBC87** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A687BC**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **D4F4BD**, and **698755** is the 20% darker color. If you saturate the color by 10%, you get **92BC74**, and if you desaturate by 10%, it is **A8BC9A**.

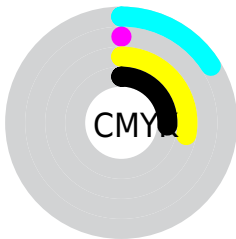
Distribution



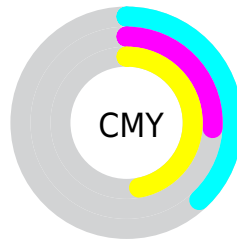
- Red (62%)
- Green (74%)
- Blue (53%)



- Red (53%)
- Yellow (74%)
- Blue (65%)



- Cyan (16%)
- Magenta (0%)
- Yellow (28%)
- Black (26%)



- Cyan (38%)
- Magenta (26%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DBC87 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 9DBC87 by changing the saturation by 10% instead.



9DBC87



9DBC87

FFFFFF



83A16D



D4F4BD



698755



F1FFD8



506D3D



FFFFF5



385527



213D11



0D2700



001200



000000



9DBC87



9DBC87

 92BC74

 A8BC9A

 87BC61

 B3BCAD

 7CBC4F

 BEBCBF

 71BC3C

 C9BCD2

 66BC29

 D4BCE5

 5BBC16

 DFBCF8

 50BC03

 EABCFF

 4EBC00

 F5BCFF

 FFBCFF

Harmonies

Analogous

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



BCB47B



9DBC87



7CC19F

Triad

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



9DBC87



74BBE7



EB9EA9

Complementary

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



9DBC87



A687BC

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.



DFA0C6



9DBC87



9DB2EA

Square

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



9DBC87



59C0D7



C4A8DE



E8A28F

Rectangle

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



9DBC87



68C2B2



C4A8DE



E99EB3

Sweetspot

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



9DBC87



E9F5E1



BCA687



737A6E



FAFAFA



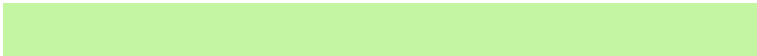
7A7A7A

Same Dimension

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



9DBC87



C4F5A2



87BC8B



595E55



429E00



0D1F00

Inverse Universe

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



A687BC



D2A2F5



BC87B8



5A555E



5C009E



12001F

Previews

White Background



This preview shows how the Hex color 9DBC87 looks on a white background.

Color Contrast Check

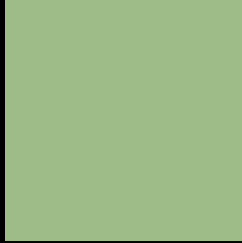
Large Text (above 18pt) WCAG AA × Fail

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 9DBC87 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

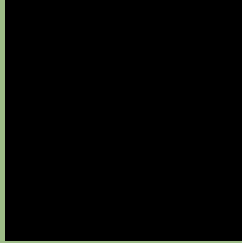
Any Text WCAG AA ✓ Pass

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 9DBC87 Background



This preview shows how black text looks on a background with the Hex color 9DBC87.

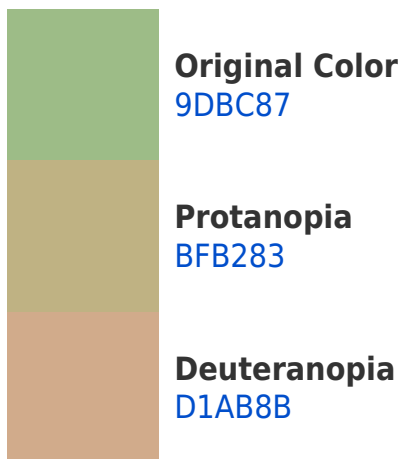


This preview shows how white text looks on a background with the Hex color 9DBC87.

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



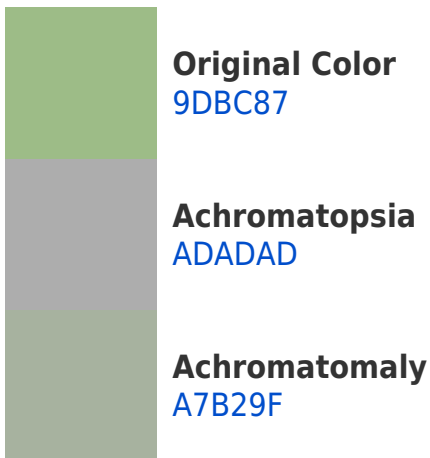


Tritanopia
A6B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DBC87 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 #9DBC87 looks like.

```
.text, #text, p{  
    color:#9DBC87  
}
```

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 #9DBC87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DBC87  
}
```

Border

The CSS property to change the border of an element to Hex 9DBC87 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  
#9DBC87 }
```

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

```
.border{ border-color:#9DBC87 }
```

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

Here you see how a box with a 4 pixel #9DBC87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DBC87; -webkit-box-shadow:4px 4px  
4px 4px #9DBC87; box-shadow:4px 4px 4px  
4px #9DBC87 }
```

Background

The CSS property to change the background color of an element to Hex 9DBC87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DBC87 }
```

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

```
.background{ background-color:#9DBC87 }
```

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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