

# Converting Colors

Hex(9DBB79)

Have a look what the booklet for  
Hex(9DBB79) contains.

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**Color**

**Hex(9DBB79)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DBB79
RGB	157, 187, 121
RGB Percent	62%, 73%, 47%
CMY	0.3843, 0.2667, 0.5255
CMYK	0.16, 0.00, 0.35, 0.27
HSL	87°, 33%, 60%
HSV	87°, 35%, 73%
XYZ	35.1261, 44.0892, 24.7479
YIQ	170.5060, 3.3060, -26.8860

# Conversions

## Conversions Part 2

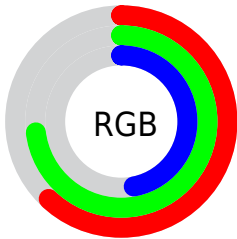
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 187, 151
Decimal	10337145
CIELab	72.29, -21.74, 30.17
CIELCh	72, 37.183, 125.779
Yxy	44.0892, 0.3379, 0.4241
Android (android.graphics.Color)	4288527225 (0xFF9DBB79)
YUV	170.5060, -24.4065, -11.8448
Hunter-Lab	66.3997, -21.7711, 24.3818

# Details

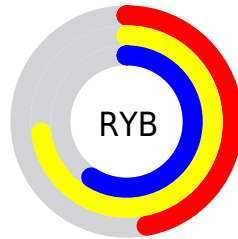
The Hex color **9DBB79** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **9779BB**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **D4F3AE**, and **698647** is the 20% darker color. If you saturate the color by 10%, you get **95BB66**, and if you desaturate by 10%, it is **A6BB8C**.

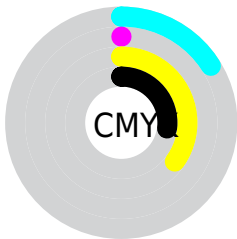
# Distribution



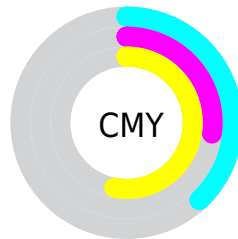
- Red (62%)
- Green (73%)
- Blue (47%)



- Red (47%)
- Yellow (73%)
- Blue (59%)



- Cyan (16%)
- Magenta (0%)
- Yellow (35%)
- Black (27%)



- Cyan (38%)
- Magenta (27%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DBB79 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 9DBB79 by changing the saturation by 10% instead.



 9DBB79

 9DBB79

FFFFFF

 82A060

 D4F3AE

 698647

 F1FFCA

 506C30

 FFFFE6

 375419

 203D00

 082600

 000F00

 000000

 9DBB79

 9DBB79

 95BB66

 A6BB8C

 8CBB54

 AEBB9E

 84BB41

 B7BBB1

 7BBB2E

 BFBBC4

 73BB1C

 C8BBD6

 6ABB09

 D0BBE9

 66BB00

 D8BBFC

 E1BBFF

 E9BBFF

# Harmonies

## Analogous

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



C2B16D



9DBB79



74C194

# Triad

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



9DBB79



53BCEE



F397AC

# Complementary

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



9DBB79



9779BB

# 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.



E29BCE



9DBB79



8CB2F4

# Square

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



9DBB79



2CC2D8



BEA6E8



F19B8B

# Rectangle

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



9DBB79



56C3AB



BEA6E8



EF97B7



# Sweetspot

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



9DBB79



E6F2D8



BB9779



737A6A



FAFAFA



7A7A7A

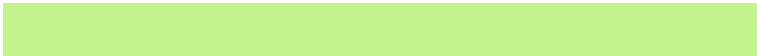


# Same Dimension

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



9DBB79



C4F28D



7CBB79



5A5E55



569E00



111F00



# Inverse Universe

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



9779BB



BB8DF2



B879BB



59555E



48009E



0E001F



# Previews

## White Background



This preview shows how the Hex color 9DBB79 looks on a white background.

## Color Contrast Check

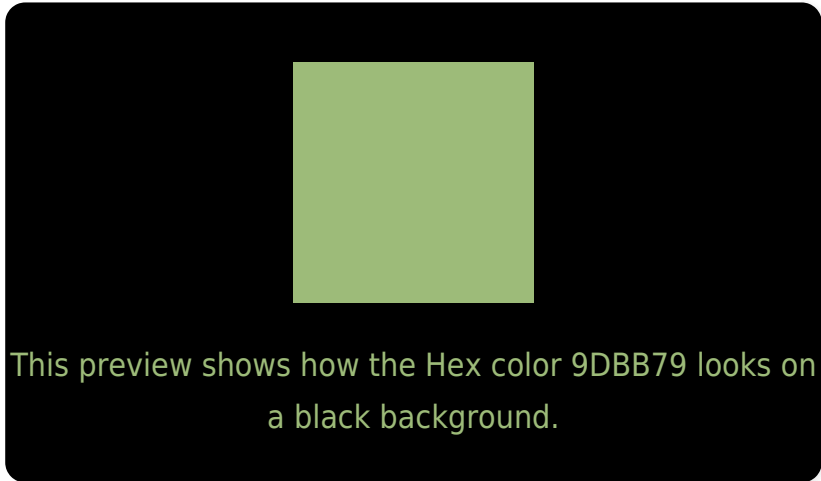
Large Text (above 18pt) WCAG AA × Fail

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

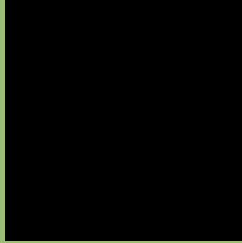
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9DBB79 Background



This preview shows how black text looks on a background with the Hex color 9DBB79.



This preview shows how white text looks on a background with the Hex color 9DBB79.

# 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



**Original Color**  
9DBB79

**Protanopia**  
C0B175

**Deuteranopia**  
D2A97D

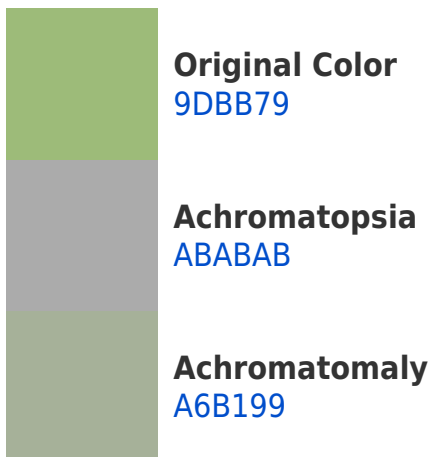


**Tritanopia**  
A7B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DBB79 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 #9DBB79 looks like.

```
.text, #text, p{  
    color:#9DBB79  
}
```

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 #9DBB79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DBB79
}
```

## Border

The CSS property to change the border of an element to Hex 9DBB79 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
#9DBB79 }
```

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

```
.border{ border-color:#9DBB79 }
```

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

Here you see how a box with a 4 pixel #9DBB79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DBB79; -webkit-box-shadow:4px 4px  
4px 4px #9DBB79; box-shadow:4px 4px 4px  
4px #9DBB79 }
```

# Background

The CSS property to change the background color of an element to Hex 9DBB79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DBB79 }
```

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

```
.background{ background-color:#9DBB79 }
```

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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