

Converting Colors

Hex(9BB77E)

Have a look what the booklet for
Hex(9BB77E) contains.

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Color

Hex(9BB77E)

Conversions

Conversions Part 1

Format	Color
Hex	9BB77E
RGB	155, 183, 126
RGB Percent	61%, 72%, 49%
CMY	0.3922, 0.2824, 0.5059
CMYK	0.15, 0.00, 0.31, 0.28
HSL	89°, 28%, 61%
HSV	89°, 31%, 72%
XYZ	34.2170, 42.3419, 26.1080
YIQ	168.1300, 1.6090, -23.6630

Conversions

Conversions Part 2

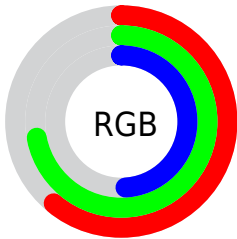
Format	Color
RYB	126, 183, 154
Decimal	10205054
CIELab	71.11, -19.77, 25.93
CIELCh	71, 32.607, 127.318
Yxy	42.3419, 0.3333, 0.4124
Android (android.graphics.Color)	4288395134 (0xFF9BB77E)
YUV	168.1300, -20.7701, -11.5150
Hunter-Lab	65.0706, -20.0106, 21.7608

Details

The Hex color **9BB77E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **9A7EB7**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D2EFB3**, and **67824C** is the 20% darker color. If you saturate the color by 10%, you get **92B76C**, and if you desaturate by 10%, it is **A4B790**.

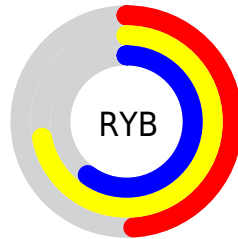
Distribution



Red (61%)

Green (72%)

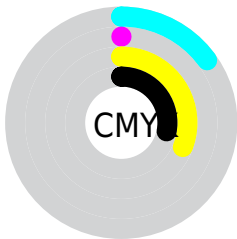
Blue (49%)



Red (49%)

Yellow (72%)

Blue (60%)

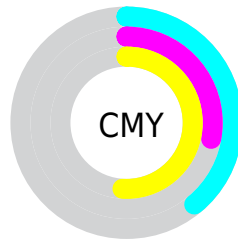


Cyan (15%)

Magenta (0%)

Yellow (31%)

Black (28%)



Cyan (39%)

Magenta (28%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9BB77E 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 9BB77E by changing the saturation by 10% instead.

 9BB77E

 9BB77E

FFFFFF

 819C65

 D2EFB3

 67824C

 EFFFCE

 4E6935

 FFFFEB

 36501E

 1F3907

 092400

 000800

 000000

 9BB77E

 9BB77E

 92B76C

 A4B790

 89B759

 ADB7A3

 80B747

 B6B7B5

 77B735

 BFB7C7

 6EB723

 C8B7DA

 65B710

 D1B7EC

 5DB700

 DAB7FE

 E3B7FF

 ECB7FF

Harmonies

Analogous

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



BBAF73



9BB77E



78BC96

Triad

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



9BB77E



65B7E4



E898A8

Complementary

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



9BB77E



9A7EB7

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.



DA9BC6



9BB77E



91AEE9

Square

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



9BB77E



4ABDD1



BBA4DD



E69C8B

Rectangle

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



9BB77E



61BEAA



BBA4DD



E598B2

Sweetspot

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



9BB77E



E3EDD8



B79A7E



71786B



F7F7F7



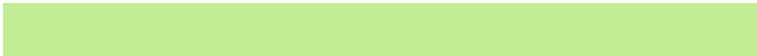
787878

Same Dimension

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



9BB77E



C2ED95



7FB77E



575C53



4F9C00



0E1C00

Inverse Universe

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



9A7EB7



C195ED



B67EB7



57535C



4C009C



0E001C

Previews

White Background



This preview shows how the Hex color 9BB77E looks on a white background.

Color Contrast Check

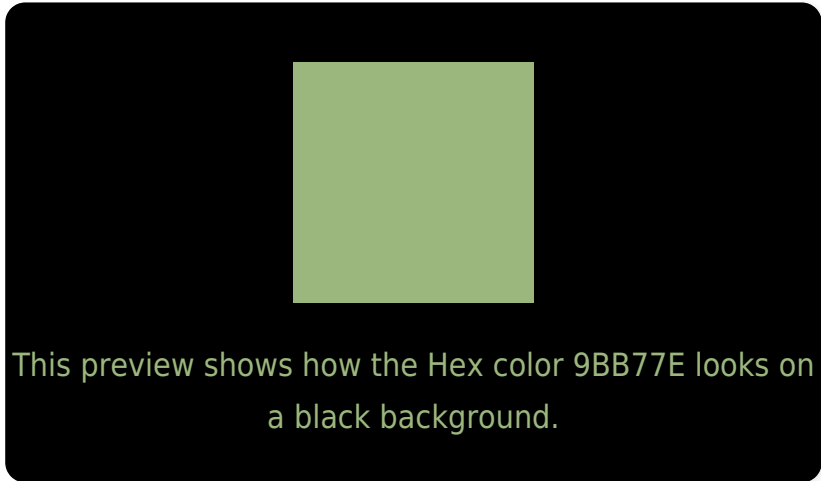
Large Text (above 18pt) WCAG AA × Fail

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

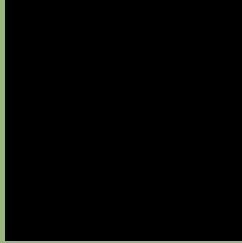
Any Text WCAG AA ✓ Pass

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 9BB77E Background



This preview shows how black text looks on a background with the Hex color 9BB77E.

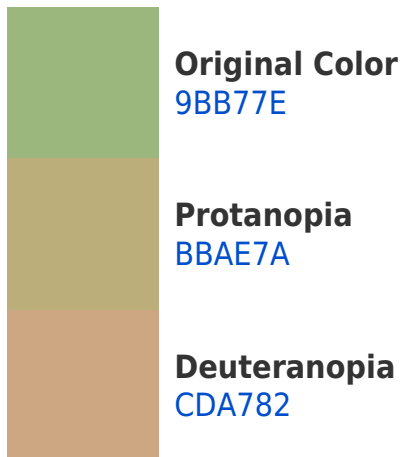


This preview shows how white text looks on a background with the Hex color 9BB77E.

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](#).

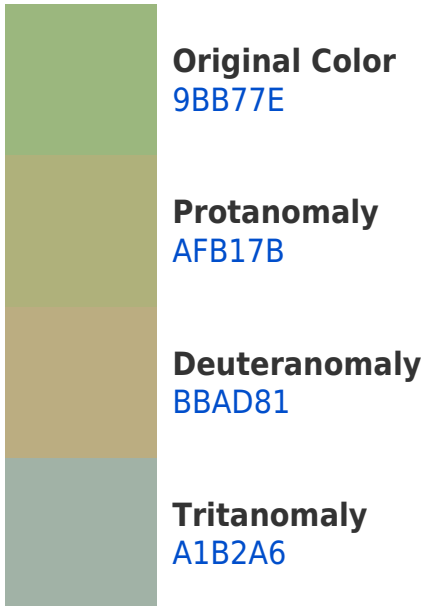
Dichromacy



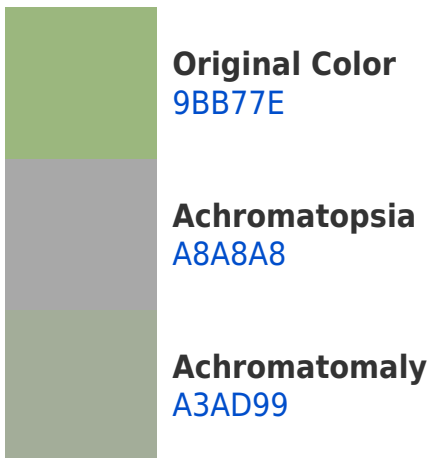


Tritanopia
A4AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BB77E 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 #9BB77E looks like.

```
.text, #text, p{  
    color:#9BB77E  
}
```

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 #9BB77E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BB77E
}
```

Border

The CSS property to change the border of an element to Hex 9BB77E 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
#9BB77E }
```

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

```
.border{ border-color:#9BB77E }
```

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

Here you see how a box with a 4 pixel #9BB77E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BB77E; -webkit-box-shadow:4px 4px  
4px 4px #9BB77E; box-shadow:4px 4px 4px  
4px #9BB77E }
```

Background

The CSS property to change the background color of an element to Hex 9BB77E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BB77E }
```

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

```
.background{ background-color:#9BB77E }
```

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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