

Converting Colors

Hex(9BB786)

Have a look what the booklet for
Hex(9BB786) contains.

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Color

Hex(9BB786)

Conversions

Conversions Part 1

Format	Color
Hex	9BB786
RGB	155, 183, 134
RGB Percent	61%, 72%, 53%
CMY	0.3922, 0.2824, 0.4745
CMYK	0.15, 0.00, 0.27, 0.28
HSL	94°, 25%, 62%
HSV	94°, 27%, 72%
XYZ	34.7541, 42.5568, 28.9368
YIQ	169.0420, -0.9590, -21.1750

Conversions

Conversions Part 2

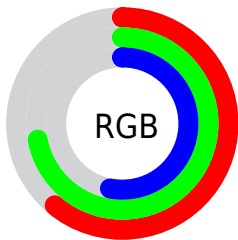
Format	Color
RYB	134, 183, 162
Decimal	10205062
CIELab	71.25, -18.55, 21.85
CIELCh	71, 28.662, 130.329
Yxy	42.5568, 0.3271, 0.4005
Android (android.graphics.Color)	4288395142 (0xFF9BB786)
YUV	169.0420, -17.2757, -12.3148
Hunter-Lab	65.2355, -19.0666, 19.3654

Details

The Hex color **9BB786** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A286B7**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **D2EFBB**, and **678254** is the 20% darker color. If you saturate the color by 10%, you get **91B774**, and if you desaturate by 10%, it is **A5B798**.

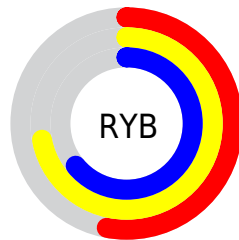
Distribution



Red (61%)

Green (72%)

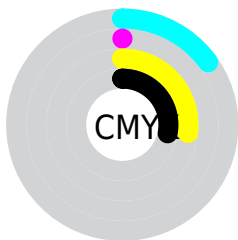
Blue (53%)



Red (53%)

Yellow (72%)

Blue (64%)

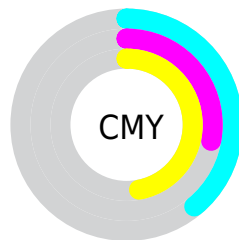


Cyan (15%)

Magenta (0%)

Yellow (27%)

Black (28%)



Cyan (39%)

Magenta (28%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BB786 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 9BB786 by changing the saturation by 10% instead.

 9BB786

 9BB786

FFFFFF

 819C6D

 D2EFBB

 678254

 EEFFD7

 4F693C

 FFFFF4

 375126

 203911


 0C2400

 000900

 000000

 9BB786

 9BB786

 91B774

 A5B798

 86B761

 B0B7AB

 7CB74F

 BAB7BD

 71B73D

 C5B7CF

 67B72B

 CFB7E2

 5CB718

 DAB7F4

 52B706

 E4B7FF

 4EB700

 EFB7FF

 F9B7FF

Harmonies

Analogous

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



B8B07B



9BB786



7DBC9C

Triad

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



9BB786



75B6DF



E39BA6

Complementary

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



9BB786



A286B7

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.



D79DC1



9BB786



9AAEE1

Square

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



9BB786



5FBBCF



BEA5D6



E09F8E

Rectangle

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



9BB786



6BBDAE



BEA5D6



E19BAF

Sweetspot

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



9BB786



E2EDDA



B7A286



71786C



F7F7F7



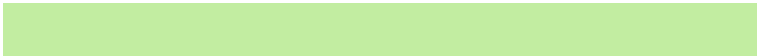
787878

Same Dimension

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



9BB786



C2EDA1



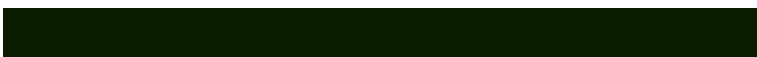
86B789



575C53



439C00



0C1C00

Inverse Universe

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



A286B7



CDA1ED



B786B4



58535C



59009C



10001C

Previews

White Background



This preview shows how the Hex color 9BB786 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 9BB786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

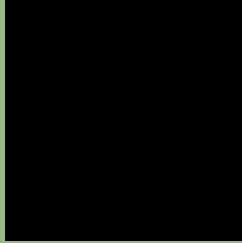
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

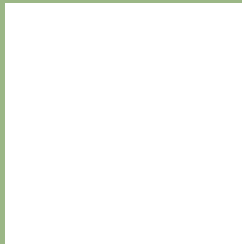
Any Text WCAG AAA ✓ Pass

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

Hex 9BB786 Background



This preview shows how black text looks on a background with the Hex color 9BB786.

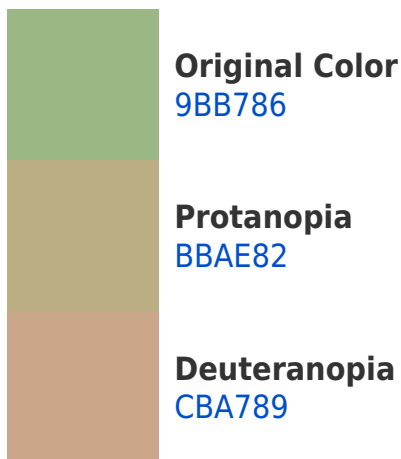


This preview shows how white text looks on a background with the Hex color 9BB786.

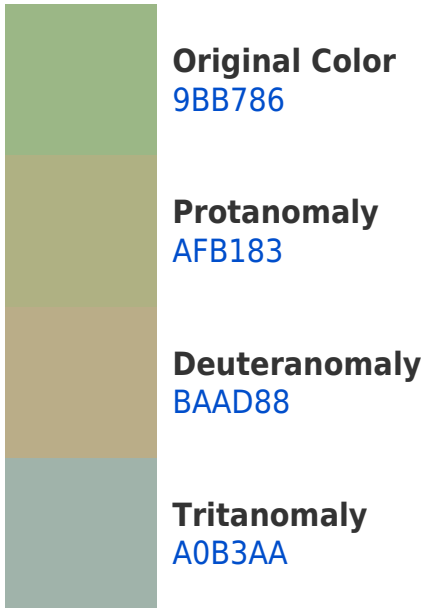
Color Blindness Simulation

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](#).

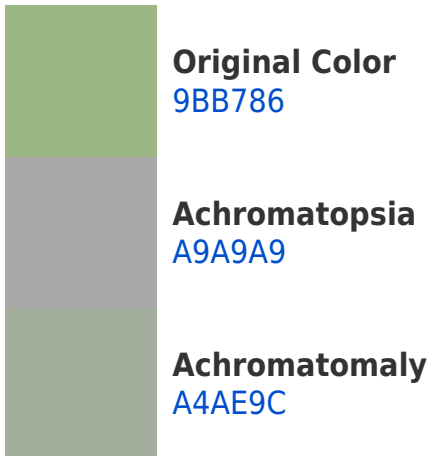
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BB786 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 #9BB786 looks like.

```
.text, #text, p{  
    color:#9BB786  
}
```

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 #9BB786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BB786
}
```

Border

The CSS property to change the border of an element to Hex 9BB786 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
#9BB786 }
```

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

```
.border{ border-color:#9BB786 }
```

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

Here you see how a box with a 4 pixel #9BB786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BB786; -webkit-box-shadow:4px 4px  
4px 4px #9BB786; box-shadow:4px 4px 4px  
4px #9BB786 }
```

Background

The CSS property to change the background color of an element to Hex 9BB786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BB786 }
```

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

```
.background{ background-color:#9BB786 }
```

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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