

Converting Colors

Hex(99B686)

Have a look what the booklet for
Hex(99B686) contains.

Hex(99B686)	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(99B686)

Conversions

Conversions Part 1

Format	Color
Hex	99B686
RGB	153, 182, 134
RGB Percent	60%, 71%, 53%
CMY	0.4000, 0.2863, 0.4745
CMYK	0.16, 0.00, 0.26, 0.29
HSL	96°, 25%, 62%
HSV	96°, 26%, 71%
XYZ	34.1679, 41.9494, 28.8505
YIQ	167.8570, -1.8760, -21.0760

Conversions

Conversions Part 2

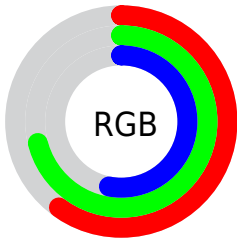
Format	Color
RYB	134, 182, 163
Decimal	10073734
CIELab	70.84, -18.77, 21.26
CIELCh	71, 28.362, 131.447
Yxy	41.9494, 0.3255, 0.3996
Android (android.graphics.Color)	4288263814 (0xFF99B686)
YUV	167.8570, -16.6915, -13.0296
Hunter-Lab	64.7684, -19.1788, 18.9277

Details

The Hex color **99B686** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A386B6**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D0EEBB**, and **658154** is the 20% darker color. If you saturate the color by 10%, you get **8EB674**, and if you desaturate by 10%, it is **A4B698**.

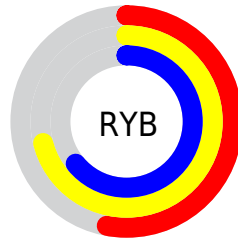
Distribution



Red (60%)

Green (71%)

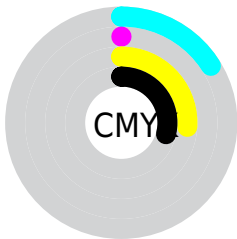
Blue (53%)



Red (53%)

Yellow (71%)

Blue (64%)

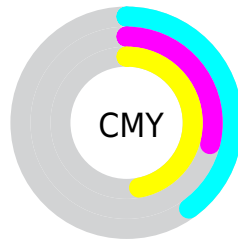


Cyan (16%)

Magenta (0%)

Yellow (26%)

Black (29%)



Cyan (40%)

Magenta (29%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99B686 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 99B686 by changing the saturation by 10% instead.

 99B686

 99B686

FFFFFF

 7F9B6D

 D0EEBB

 658154

 ECFFD7

 4D683C

 FFFFF4

 355026

 1E3911

 0A2300

 000600

 000000

 99B686

 99B686

 8EB674

 A4B698

 83B662

 AFB6AA

 78B64F

 BAB6BD

 6DB63D

 C5B6CF

 62B62B

 D0B6E1

 57B619

 DBB6F3

 4CB607

 E6B6FF

 48B600

 F1B6FF

 FCB6FF

Harmonies

Analogous

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



B6AF7B



99B686



7BBA9C

Triad

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



99B686



76B4DE



E19AA4

Complementary

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



99B686



A386B6

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.



D69CBE



99B686



9BACE0

Square

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



99B686



5FBACF



BEA3D4



DE9E8C

Rectangle

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



99B686



6ABCAE



BEA3D4



DF9AAD

Sweetspot

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



99B686



E2EDDA



B6A386



71786C



F7F7F7



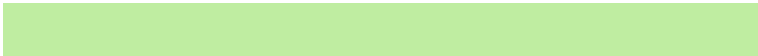
787878

Same Dimension

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



99B686



BFEDA1



86B68B



565C53



3E9C00



0B1C00

Inverse Universe

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



A386B6



CFA1ED



B686B1



58535C



5E009C



11001C

Previews

White Background



This preview shows how the Hex color 99B686 looks on a white background.

Color Contrast Check

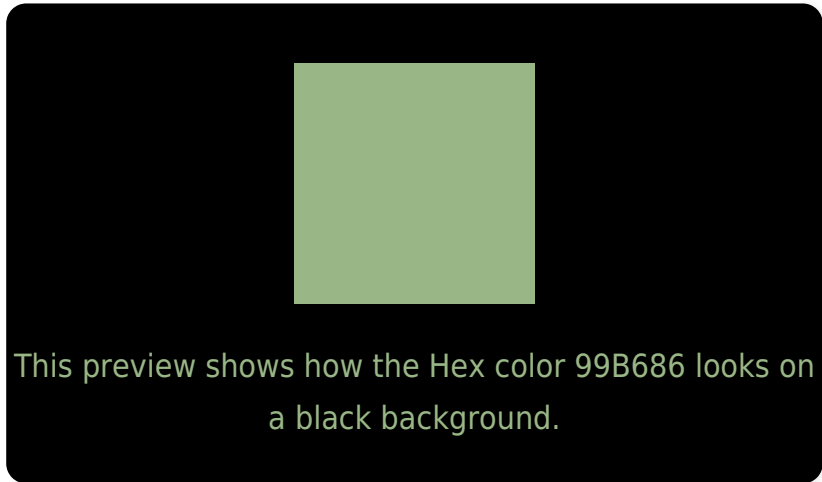
Large Text (above 18pt) WCAG AA × Fail

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

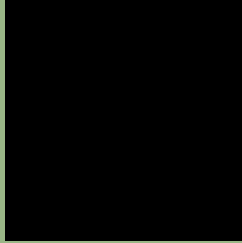
Any Text WCAG AA ✓ Pass

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 99B686 Background



This preview shows how black text looks on a background with the Hex color 99B686.



This preview shows how white text looks on a background with the Hex color 99B686.

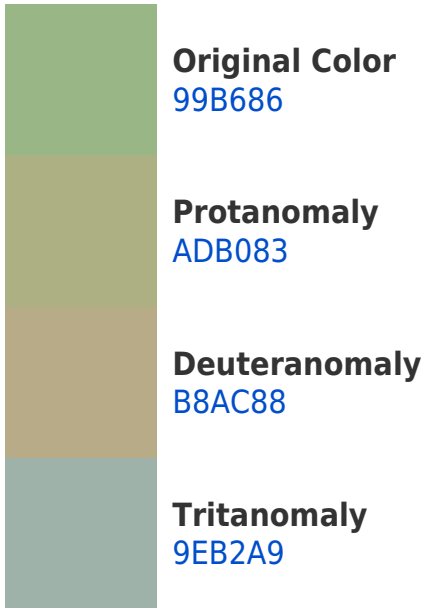
Color Blindness Simulation

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](#).

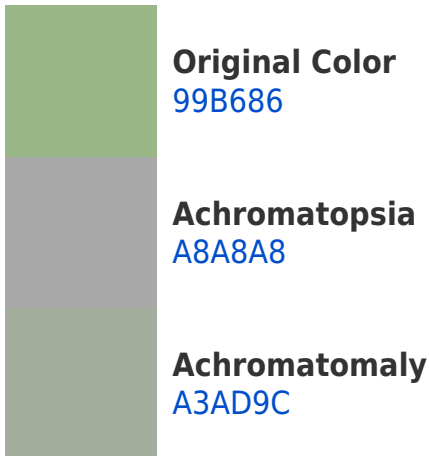
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99B686 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 #99B686 looks like.

```
.text, #text, p{  
    color:#99B686  
}
```

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 #99B686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B686
}
```

Border

The CSS property to change the border of an element to Hex 99B686 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
#99B686 }
```

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

```
.border{ border-color:#99B686 }
```

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

Here you see how a box with a 4 pixel #99B686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B686; -webkit-box-shadow:4px 4px  
4px 4px #99B686; box-shadow:4px 4px 4px  
4px #99B686 }
```

Background

The CSS property to change the background color of an element to Hex 99B686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B686 }
```

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

```
.background{ background-color:#99B686 }
```

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