

Converting Colors

Hex(99B985)

Have a look what the booklet for
Hex(99B985) contains.

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Color

Hex(99B985)

Conversions

Conversions Part 1

Format	Color
Hex	99B985
RGB	153, 185, 133
RGB Percent	60%, 73%, 52%
CMY	0.4000, 0.2745, 0.4784
CMYK	0.17, 0.00, 0.28, 0.27
HSL	97°, 27%, 62%
HSV	97°, 28%, 73%
XYZ	34.7195, 43.1637, 28.6918
YIQ	169.5040, -2.3800, -22.9560

Conversions

Conversions Part 2

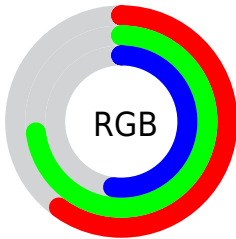
Format	Color
RYB	133, 185, 165
Decimal	10074501
CIELab	71.67, -20.45, 22.93
CIELCh	72, 30.720, 131.730
Yxy	43.1637, 0.3258, 0.4050
Android (android.graphics.Color)	4288264581 (0xFF99B985)
YUV	169.5040, -17.9965, -14.4740
Hunter-Lab	65.6991, -20.6429, 20.0965

Details

The Hex color **99B985** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A585B9**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D0F1BA**, and **658453** is the 20% darker color. If you saturate the color by 10%, you get **8EB973**, and if you desaturate by 10%, it is **A4B998**.

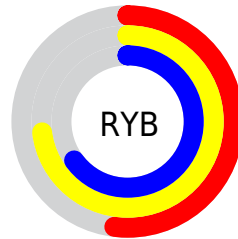
Distribution



Red (60%)

Green (73%)

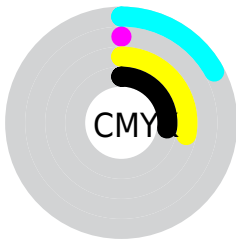
Blue (52%)



Red (52%)

Yellow (73%)

Blue (65%)

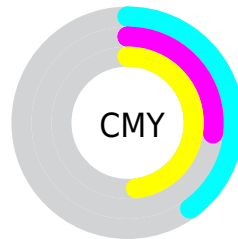


Cyan (17%)

Magenta (0%)

Yellow (28%)

Black (27%)



Cyan (40%)

Magenta (27%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99B985 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 99B985 by changing the saturation by 10% instead.

 99B985

 99B985

FFFFFF

 7F9E6C

 D0F1BA

 658453

 ECFFD6

 4D6A3B

 FFFFF3

 355225

 1E3B0F

 092500

 000B00

 000000

 99B985

 99B985

 8EB973

 A4B998

 82B960

 B0B9AA

 77B94E

 BBB9BD

 6BB93B

 C7B9CF

 60B929

 D2B9E2

 55B916

 DDB9F4

 49B904

 E9B9FF

 47B900

 F4B9FF

 FFB9FF

Harmonies

Analogous

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



B8B178



99B985



78BE9D

Triad

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



99B985



72B7E4



E79BA5

Complementary

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



99B985



A585B9

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.



DC9DC2



99B985



9BAEE6

Square

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



99B985



57BDD4



C1A5DA



E39F8C

Rectangle

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



99B985



65BFB0



C1A5DA



E59BAF

Sweetspot

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



99B985



E4F0DD



B9A485



70786C



F7F7F7



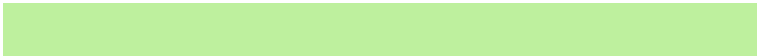
787878

Same Dimension

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



99B985



BEF09E



85B98A



565C53



3C9C00



0B1C00

Inverse Universe

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



A585B9



D09EF0



B985B4



58535C



60009C



11001C

Previews

White Background



This preview shows how the Hex color 99B985 looks on a white background.

Color Contrast Check

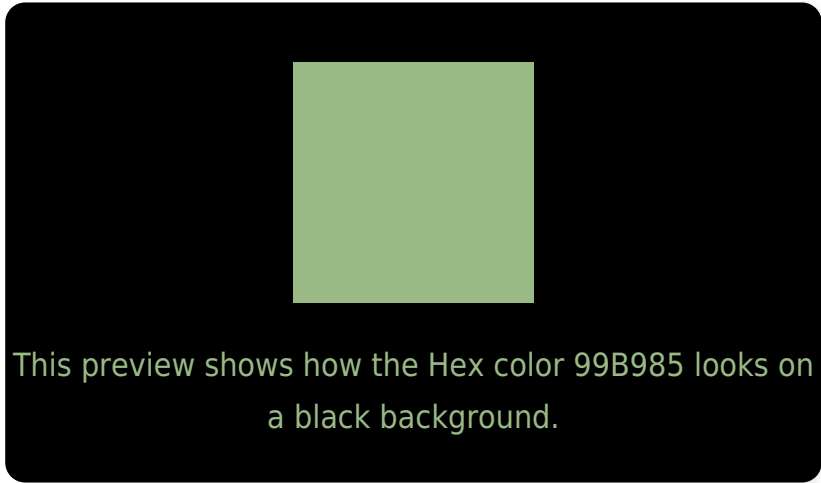
Large Text (above 18pt) WCAG AA × Fail

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

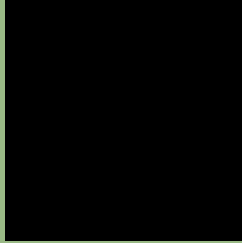
Any Text WCAG AA ✓ Pass

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 99B985 Background



This preview shows how black text looks on a background with the Hex color 99B985.

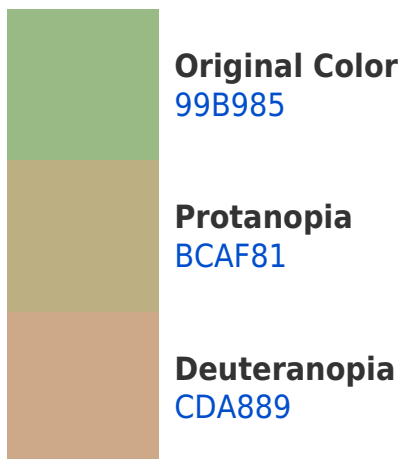


This preview shows how white text looks on a background with the Hex color 99B985.

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
A2B1C0

Trichromacy



Original Color
99B985

Protanomaly
AFB382

Deuteranomaly
BAAE88

Tritanomaly
9FB4AB

Monochromacy



Original Color
99B985

Achromatopsia
AAAAAA

Achromatomaly
A4AF9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 99B985 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 #99B985 looks like.

```
.text, #text, p{  
    color:#99B985  
}
```

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 #99B985 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B985
}
```

Border

The CSS property to change the border of an element to Hex 99B985 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
#99B985 }
```

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

```
.border{ border-color:#99B985 }
```

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

Here you see how a box with a 4 pixel #99B985 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B985; -webkit-box-shadow:4px 4px  
4px 4px #99B985; box-shadow:4px 4px 4px  
4px #99B985 }
```

Background

The CSS property to change the background color of an element to Hex 99B985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B985 }
```

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

```
.background{ background-color:#99B985 }
```

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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