

# Converting Colors

Hex(96B997)

Have a look what the booklet for  
Hex(96B997) contains.

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# **Color**

**Hex(96B997)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96B997
RGB	150, 185, 151
RGB Percent	59%, 73%, 59%
CMY	0.4118, 0.2745, 0.4078
CMYK	0.19, 0.00, 0.18, 0.27
HSL	122°, 20%, 66%
HSV	122°, 19%, 73%
XYZ	35.5126, 43.4163, 35.7866
YIQ	170.6590, -9.9460, -17.9940

# Conversions

## Conversions Part 2

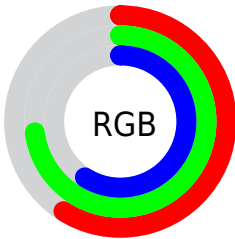
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 184, 185
Decimal	9877911
CIELab	71.84, -18.48, 13.42
CIELCh	72, 22.841, 144.018
Yxy	43.4163, 0.3096, 0.3785
Android (android.graphics.Color)	4288067991 (0xFF96B997)
YUV	170.6590, -9.6919, -18.1179
Hunter-Lab	65.8911, -19.1053, 13.9223

# Details

The Hex color **96B997** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B996B8**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **CDF1CD**, and **638464** is the 20% darker color. If you saturate the color by 10%, you get **84B985**, and if you desaturate by 10%, it is **A9B9A9**.

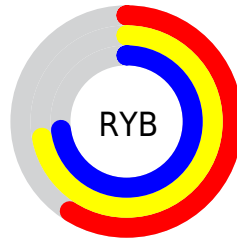
# Distribution



Red (59%)

Green (73%)

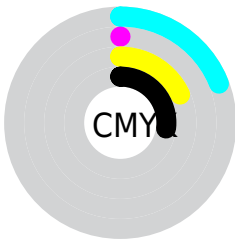
Blue (59%)



Red (59%)

Yellow (72%)

Blue (73%)

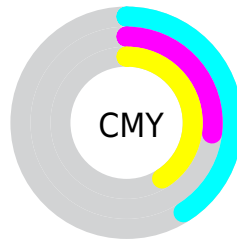


Cyan (19%)

Magenta (0%)

Yellow (18%)

Black (27%)



Cyan (41%)

Magenta (27%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96B997 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 96B997 by changing the saturation by 10% instead.





96B997



96B997

FFFFFF



7C9E7D



CDF1CD



638464



E9FFE9



4A6A4C



335235



1C3B20



072509



000C00



000000



96B997



96B997

 84B985

 A9B9A9

 71B973

 BBB9BB

 5FB961

 CDB9CD

 4CB94F

 E0B9DF

 3AB93D

 F3B9F1

 27B92B

 FFB9FF

 14B919

 02B907

 00B905

# Harmonies

## Analogous

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



AEB48A



96B997



81BCAB

# Triad

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



96B997



92B3D9



DBA2A0

# Complementary

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



96B997



B996B8

# 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.



D7A1B5



96B997



AEACD6

# Square

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



96B997



7BB9D1



C7A5C9



D4A68F

# Rectangle

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



96B997



77BCB9



C7A5C9



DBA1A7



# Sweetspot

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



96B997



E1F0E2



B8B996



6F7870



F7F7F7



787878

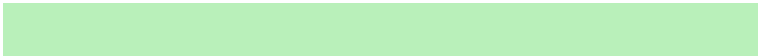


# Same Dimension

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



96B997



B9F0BA



96B9A8



535C53



009C04



001C01



# Inverse Universe

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



B996B8



F0B9EE



B996A7



5C535C



9C0097

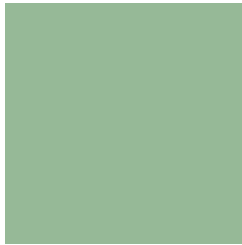


1C001B



# Previews

## White Background



This preview shows how the Hex color 96B997 looks on a white background.

## Color Contrast Check

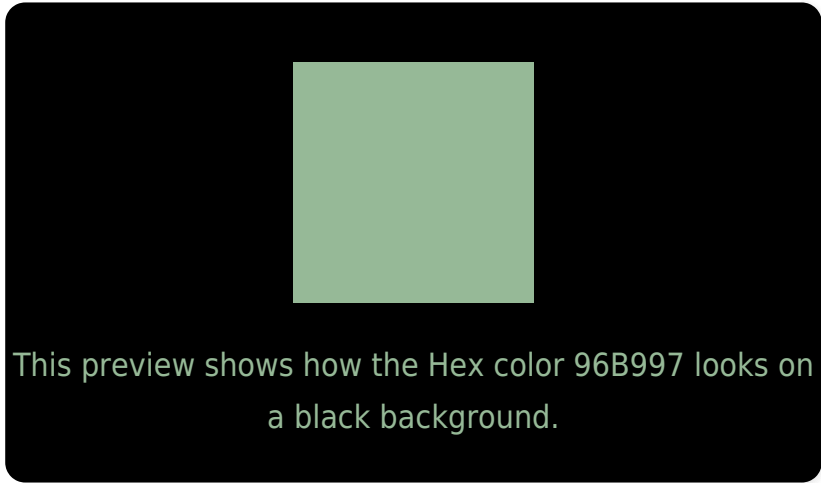
Large Text (above 18pt) WCAG AA × Fail

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

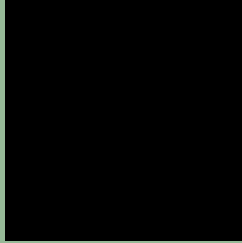
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 96B997 Background



This preview shows how black text looks on a background with the Hex color 96B997.



This preview shows how white text looks on a background with the Hex color 96B997.

# 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**  
9DB3C1

# Trichromacy



**Original Color**  
96B997

**Protanomaly**  
ACB394

**Deuteranomaly**  
B6AF99

**Tritanomaly**  
9AB5B2

# Monochromacy



**Original Color**  
96B997

**Achromatopsia**  
ABABAB

**Achromatomaly**  
A3B0A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96B997 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 #96B997 looks like.

```
.text, #text, p{  
    color:#96B997  
}
```

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 #96B997 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96B997
}
```

## Border

The CSS property to change the border of an element to Hex 96B997 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
#96B997 }
```

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

```
.border{ border-color:#96B997 }
```

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

Here you see how a box with a 4 pixel #96B997 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96B997; -webkit-box-shadow:4px 4px  
4px 4px #96B997; box-shadow:4px 4px 4px  
4px #96B997 }
```

# Background

The CSS property to change the background color of an element to Hex 96B997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96B997 }
```

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

```
.background{ background-color:#96B997 }
```

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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