

Converting Colors

Hex(96B984)

Have a look what the booklet for
Hex(96B984) contains.

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Color

Hex(96B984)

Conversions

Conversions Part 1

Format	Color
Hex	96B984
RGB	150, 185, 132
RGB Percent	59%, 73%, 52%
CMY	0.4118, 0.2745, 0.4824
CMYK	0.19, 0.00, 0.29, 0.27
HSL	100°, 27%, 62%
HSV	100°, 29%, 73%
XYZ	34.0915, 42.8479, 28.3035
YIQ	168.4930, -3.8470, -23.9030

Conversions

Conversions Part 2

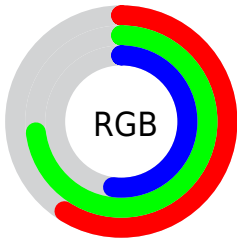
Format	Color
RYB	132, 185, 167
Decimal	9877892
CIELab	71.45, -21.69, 23.14
CIELCh	71, 31.716, 133.153
Yxy	42.8479, 0.3239, 0.4071
Android (android.graphics.Color)	4288067972 (0xFF96B984)
YUV	168.4930, -17.9910, -16.2184
Hunter-Lab	65.4583, -21.5870, 20.1845

Details

The Hex color **96B984** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A784B9**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **CDF1B9**, and **628452** is the 20% darker color. If you saturate the color by 10%, you get **8AB972**, and if you desaturate by 10%, it is **A2B997**.

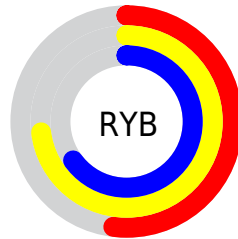
Distribution



Red (59%)

Green (73%)

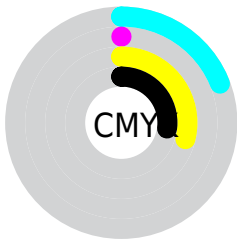
Blue (52%)



Red (52%)

Yellow (73%)

Blue (65%)

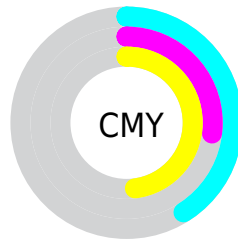


Cyan (19%)

Magenta (0%)

Yellow (29%)

Black (27%)



Cyan (41%)

Magenta (27%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96B984 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 96B984 by changing the saturation by 10% instead.

 96B984

 96B984

FFFFFF

 7C9E6B

 CDF1B9

 628452

 E9FFD5

 4A6A3B

 FFFFF2

 325224

 1B3B0E

 052500

 000A00

 000000

 96B984

 96B984

 8AB972

 A2B997

 7EB95F

 AEB9A9

 71B94D

 BBB9BC

 65B93A

 C7B9CE

 59B928

 D3B9E1

 4DB915

 DFB9F3

 40B903

 ECB9FF

 3FB900

 F8B9FF

 FFB9FF

Harmonies

Analogous

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



B6B176



96B984



74BE9D

Triad

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



96B984



71B7E6



E999A3

Complementary

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



96B984



A784B9

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.



DE9BC0



96B984



9CADE7

Square

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



96B984



52BDD6



C3A3D9



E49E89

Rectangle

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



96B984



5FBFB1



C3A3D9



E799AD

Sweetspot

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



96B984



E1F0DA



B9A684



6F786B



F7F7F7



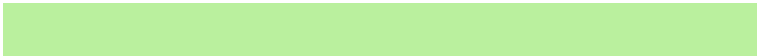
787878

Same Dimension

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



96B984



BAF09E



84B98C



565C53



359C00



0A1C00

Inverse Universe

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



A784B9



D49EF0



B984B1



59535C



67009C



13001C

Previews

White Background



This preview shows how the Hex color 96B984 looks on a white background.

Color Contrast Check

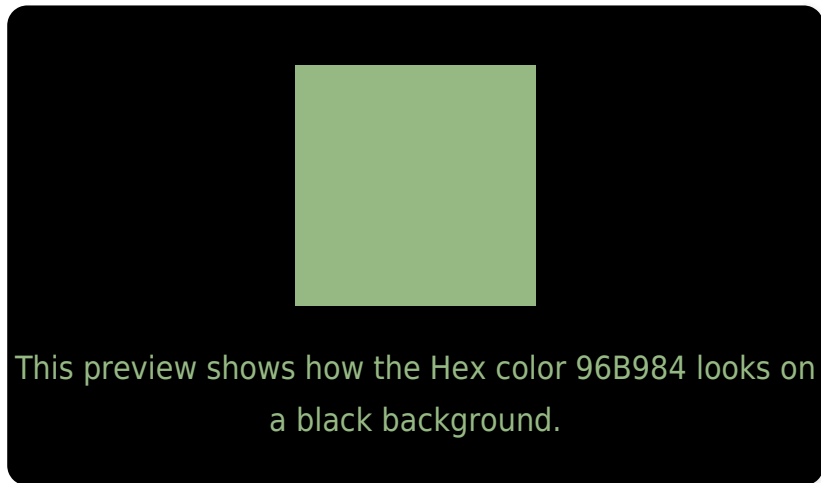
Large Text (above 18pt) WCAG AA × Fail

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

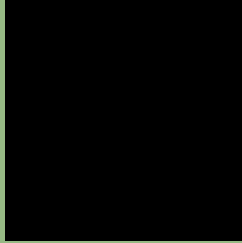
Any Text WCAG AA ✓ Pass

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 96B984 Background



This preview shows how black text looks on a background with the Hex color 96B984.

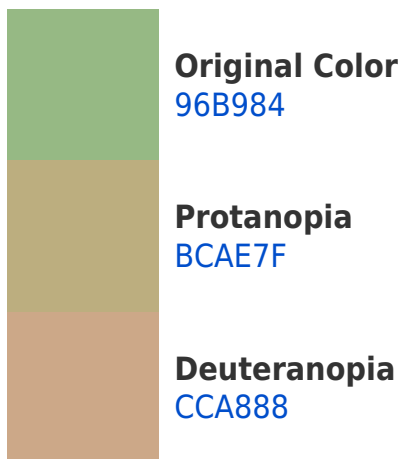


This preview shows how white text looks on a background with the Hex color 96B984.

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](#).

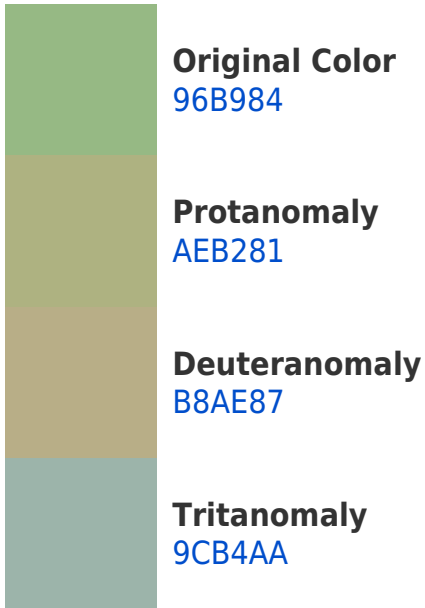
Dichromacy



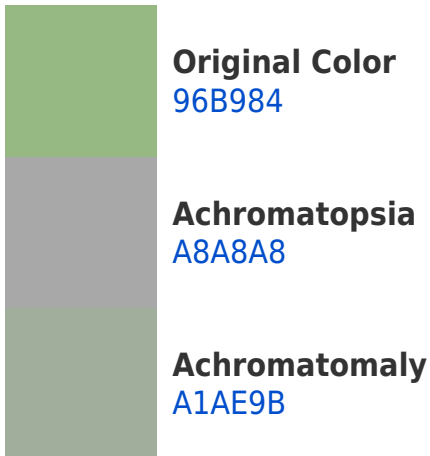


Tritanopia
9FB1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96B984 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 #96B984 looks like.

```
.text, #text, p{  
    color:#96B984  
}
```

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 #96B984 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96B984
}
```

Border

The CSS property to change the border of an element to Hex 96B984 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
#96B984 }
```

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

```
.border{ border-color:#96B984 }
```

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

Here you see how a box with a 4 pixel #96B984 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96B984; -webkit-box-shadow:4px 4px  
4px 4px #96B984; box-shadow:4px 4px 4px  
4px #96B984 }
```

Background

The CSS property to change the background color of an element to Hex 96B984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96B984 }
```

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

```
.background{ background-color:#96B984 }
```

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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