

# Converting Colors

Hex(8B9976)

Have a look what the booklet for  
Hex(8B9976) contains.

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**Color**

**Hex(8B9976)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B9976
RGB	139, 153, 118
RGB Percent	55%, 60%, 46%
CMY	0.4549, 0.4000, 0.5373
CMYK	0.09, 0.00, 0.23, 0.40
HSL	84°, 15%, 53%
HSV	84°, 23%, 60%
XYZ	25.3087, 29.5794, 21.5150
YIQ	144.8240, 2.8910, -13.8530

# Conversions

## Conversions Part 2

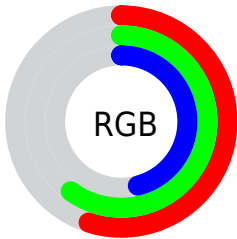
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 153, 132
Decimal	9148790
CIELab	61.29, -11.47, 16.77
CIELCh	61, 20.317, 124.381
Yxy	29.5794, 0.3313, 0.3871
Android (android.graphics.Color)	4287338870 (0xFF8B9976)
YUV	144.8240, -13.2242, -5.1076
Hunter-Lab	54.3870, -12.1131, 14.6163

# Details

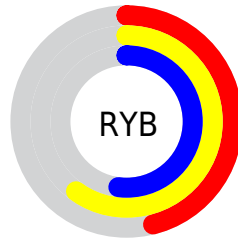
The Hex color **8B9976** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **847699**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **C1CFAA**, and **596645** is the 20% darker color. If you saturate the color by 10%, you get **859967**, and if you desaturate by 10%, it is **919985**.

# Distribution



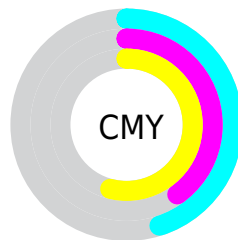
- Red (55%)
- Green (60%)
- Blue (46%)



- Red (46%)
- Yellow (60%)
- Blue (52%)



- Cyan (9%)
- Magenta (0%)
- Yellow (23%)
- Black (40%)



- Cyan (45%)
- Magenta (40%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B9976 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 8B9976 by changing the saturation by 10% instead.





8B9976



8B9976

FFFFFF



717F5D



C1CFAA



596645



DDECC6



414E2F



F9FFE2



2A371A

FFFFFFE



172200



000900



000000



8B9976



8B9976



859967



919985

 7F9957

 979995

 799948

 9D99A4

 739939

 A399B3

 6C992A

 AA99C3

 66991A

 B099D2

 60990B

 B699E1

 5C9900

 BC99F0

 C299FF

# Harmonies

## Analogous

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



9F9470



8B9976



779D84

# Triad

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



8B9976



6C9AB4



B88792

# Complementary

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



8B9976



847699

# 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.



AE89A4



8B9976



8295B7

# Square

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



8B9976



619DA8



9A8EB2



B88980

# Rectangle

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



8B9976



6B9E90



9A8EB2



B58798



# Sweetspot

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



8B9976



C1C7B9



998476



60635B



E3E3E3



636363



# Same Dimension

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



8B9976



B1C791



7A9976



494D45



548C00



080D00



# Inverse Universe

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



847699



A791C7



967699



48454D



38008C



05000D



# Previews

## White Background



This preview shows how the Hex color 8B9976 looks on a white background.

## Color Contrast Check

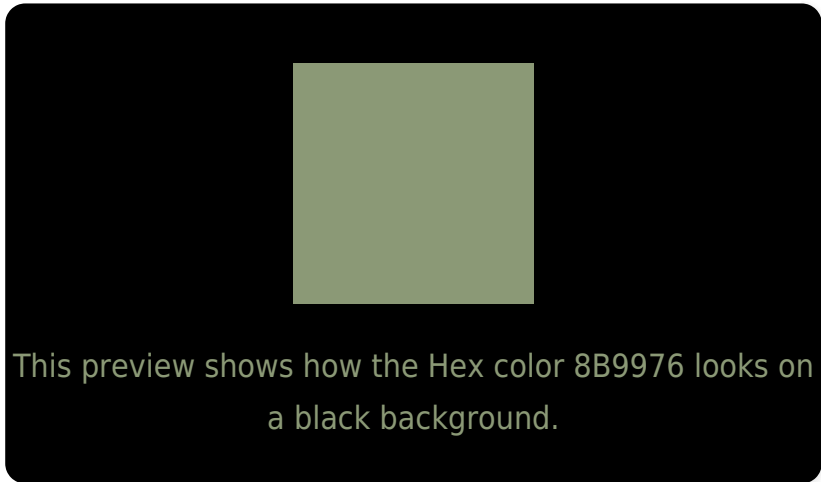
Large Text (above 18pt) WCAG AA ✓ Pass

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

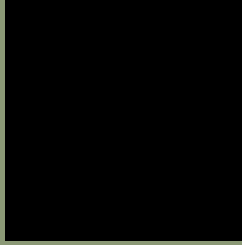
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

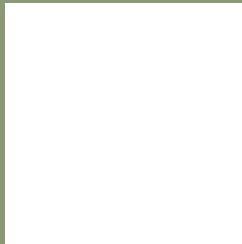
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8B9976 Background



This preview shows how black text looks on a background with the Hex color 8B9976.



This preview shows how white text looks on a background with the Hex color 8B9976.

# 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](#).

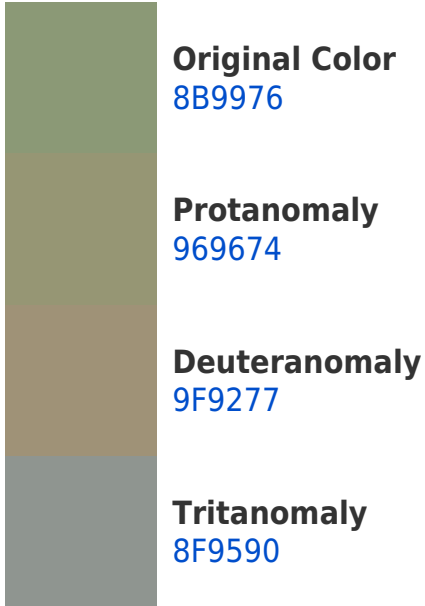
## Dichromacy



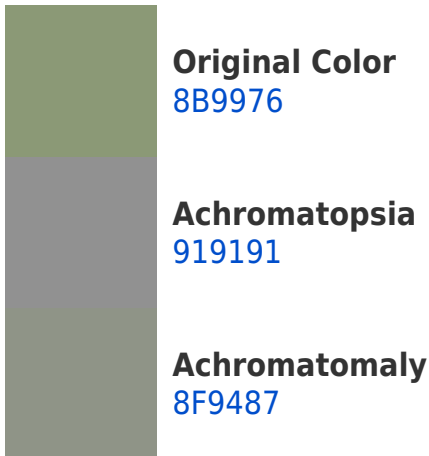


**Tritanopia**  
91939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B9976 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 #8B9976 looks like.

```
.text, #text, p{  
    color:#8B9976  
}
```

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 #8B9976 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B9976
}
```

## Border

The CSS property to change the border of an element to Hex 8B9976 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
#8B9976 }
```

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

```
.border{ border-color:#8B9976 }
```

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

Here you see how a box with a 4 pixel #8B9976 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B9976; -webkit-box-shadow:4px 4px  
4px 4px #8B9976; box-shadow:4px 4px 4px  
4px #8B9976 }
```

# Background

The CSS property to change the background color of an element to Hex 8B9976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B9976 }
```

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

```
.background{ background-color:#8B9976 }
```

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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