

# Converting Colors

Hex(98B271)

Have a look what the booklet for  
Hex(98B271) contains.

<b>Hex(98B271)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(98B271)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98B271
RGB	152, 178, 113
RGB Percent	60%, 70%, 44%
CMY	0.4039, 0.3020, 0.5569
CMYK	0.15, 0.00, 0.37, 0.30
HSL	84°, 30%, 57%
HSV	84°, 37%, 70%
XYZ	31.8499, 39.7084, 21.6086
YIQ	162.8160, 5.3690, -25.7270

# Conversions

## Conversions Part 2

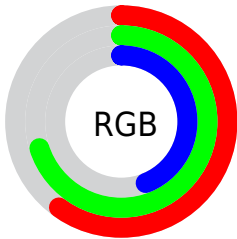
Format	Color
<a href="#">RYB</a>	<a href="#">113, 178, 139</a>
Decimal	<a href="#">10007153</a>
CIELab	<a href="#">69.26, -20.22, 30.34</a>
CIElCh	<a href="#">69, 36.460, 123.672</a>
Yxy	<a href="#">39.7084, 0.3419, 0.4262</a>
Android (android.graphics.Color)	<a href="#">4288197233 (0xFF98B271)</a>
YUV	<a href="#">162.8160, -24.5593, -9.4856</a>
Hunter-Lab	<a href="#">63.0146, -20.0551, 23.7789</a>

# Details

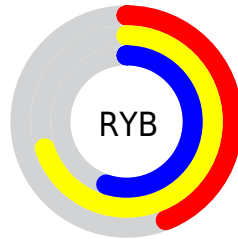
The Hex color **98B271** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8B71B2**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **CFEAA5**, and **647D40** is the 20% darker color. If you saturate the color by 10%, you get **91B25F**, and if you desaturate by 10%, it is **9FB283**.

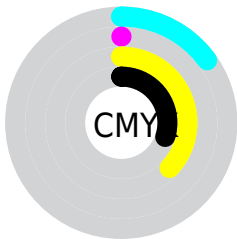
# Distribution



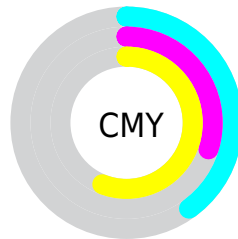
- Red (60%)
- Green (70%)
- Blue (44%)



- Red (44%)
- Yellow (70%)
- Blue (55%)



- Cyan (15%)
- Magenta (0%)
- Yellow (37%)
- Black (30%)



- Cyan (40%)
- Magenta (30%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98B271 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 98B271 by changing the saturation by 10% instead.



 98B271

FFFFFF

 CFEAA5

 ECFFC1

 FFFFDD

 FFFFFFFA

 98B271

 91B25F

 98B271

 7E9758

 647D40

 4B6429

 334C11

 1D3500

 002000

 000000

 98B271

 9FB283

 8AB24D

 A6B295

 83B23C

 ADB2A6

 7CB22A

 B4B2B8

 74B218

 BCB2CA

 6DB206

 C3B2DC

 6BB200

 CAB2EE

 D1B2FF

 D8B2FF

# Harmonies

## Analogous

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



BBA867



98B271



70B88B

# Triad

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



98B271



48B4E3



E88FA6

# Complementary

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



98B271



8B71B2

# 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.



D694C7



98B271



80ABEB

# Square

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



98B271



23BACD



B29FE0



E79386

# Rectangle

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



98B271



53BAA1



B29FE0



E490B1

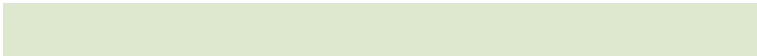


# Sweetspot

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



98B271



DEE8CF



B28B71



6F7566



F5F5F5



757575



# Same Dimension

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



98B271



BFE882



78B271



565950



5C9900



0F1A00



# Inverse Universe

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



8B71B2



AB82E8



AC71B2



545059



3D0099



0A001A



# Previews

## White Background



This preview shows how the Hex color 98B271 looks on a white background.

## Color Contrast Check

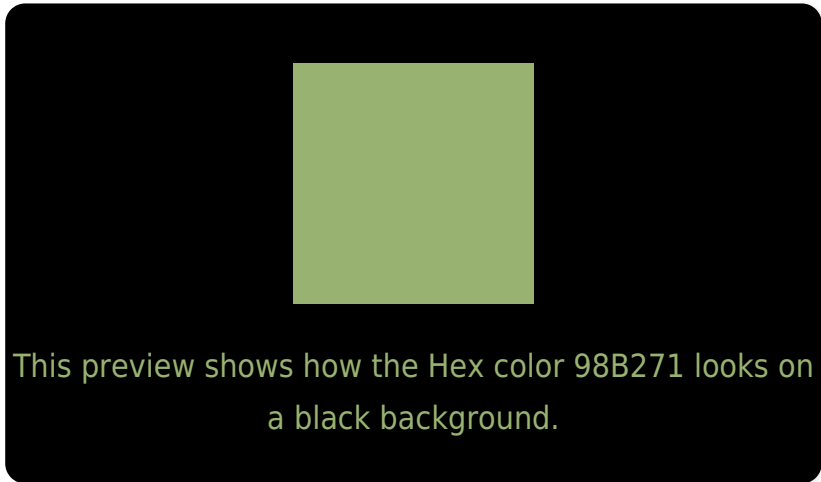
Large Text (above 18pt) WCAG AA × Fail

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

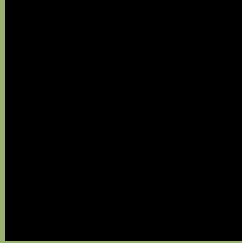
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 98B271 Background



This preview shows how black text looks on a background with the Hex color 98B271.



This preview shows how white text looks on a background with the Hex color 98B271.

# 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



**Original Color**  
98B271

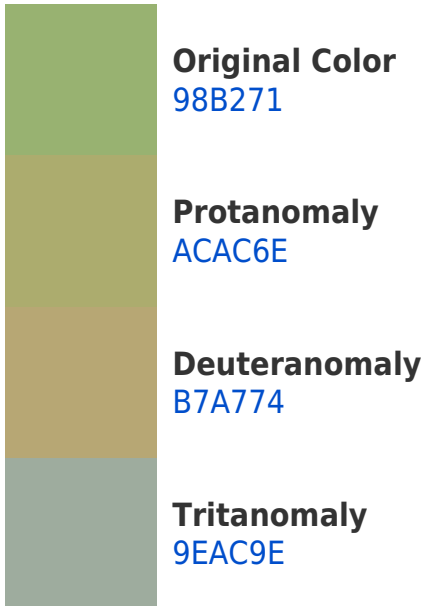
**Protanopia**  
B7A96D

**Deuteranopia**  
C9A175

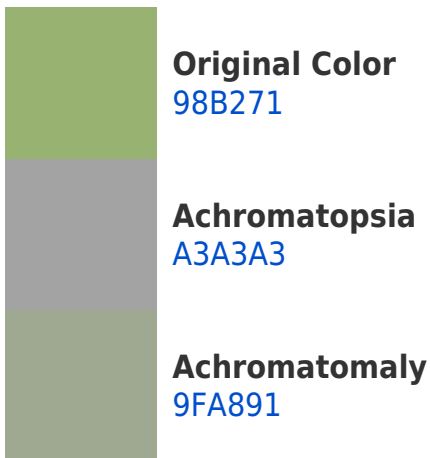


**Tritanopia**  
A2A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98B271 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 #98B271 looks like.

```
.text, #text, p{  
    color:#98B271  
}
```

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 #98B271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98B271
}
```

## Border

The CSS property to change the border of an element to Hex 98B271 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
#98B271 }
```

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

```
.border{ border-color:#98B271 }
```

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

Here you see how a box with a 4 pixel #98B271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98B271; -webkit-box-shadow:4px 4px  
4px 4px #98B271; box-shadow:4px 4px 4px  
4px #98B271 }
```

# Background

The CSS property to change the background color of an element to Hex 98B271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98B271 }
```

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

```
.background{ background-color:#98B271 }
```

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