

# Converting Colors

Hex(98B649)

Have a look what the booklet for  
Hex(98B649) contains.

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**Color**

**Hex(98B649)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98B649
RGB	152, 182, 73
RGB Percent	60%, 71%, 29%
CMY	0.4039, 0.2863, 0.7137
CMYK	0.16, 0.00, 0.60, 0.29
HSL	77°, 43%, 50%
HSV	77°, 60%, 71%
XYZ	30.8794, 40.6123, 12.5148
YIQ	160.6040, 17.1090, -40.2590

# Conversions

## Conversions Part 2

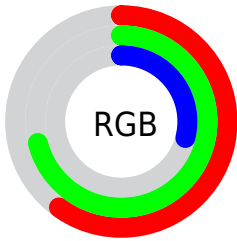
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 182, 103
Decimal	10008137
CIELab	69.90, -26.55, 50.87
CIELCh	70, 57.378, 117.559
Yxy	40.6123, 0.3676, 0.4834
Android (android.graphics.Color)	4288198217 (0xFF98B649)
YUV	160.6040, -43.1888, -7.5457
Hunter-Lab	63.7278, -25.0311, 32.9662

# Details

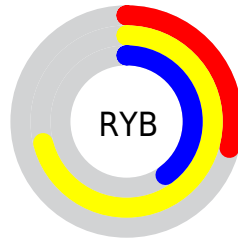
The Hex color **98B649** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **6749B6**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D0EE7E**, and **628110** is the 20% darker color. If you saturate the color by 10%, you get **93B637**, and if you desaturate by 10%, it is **9DB65B**.

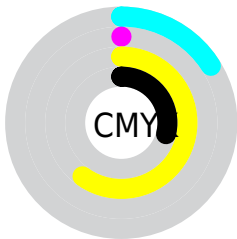
# Distribution



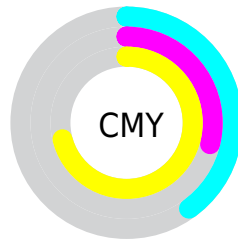
- Red (60%)
- Green (71%)
- Blue (29%)



- Red (29%)
- Yellow (71%)
- Blue (40%)



- Cyan (16%)
- Magenta (0%)
- Yellow (60%)
- Black (29%)



- Cyan (40%)
- Magenta (29%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98B649 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 98B649 by changing the saturation by 10% instead.





98B649



98B649

FFFFFF



7D9B2F



D0EE7E



628110



EDFF99



486800



FFFFB4



2F5000



FFFFD0



133800



FFFFED



002300



000000



98B649



98B649



93B637



9DB65B

 8EB625

 A2B66D

 89B612

 A7B680

 84B600

 ACB692

 B1B6A4

 B6B6B6

 BBB6C8

 C0B6DB

 C5B6ED

# Harmonies

## Analogous

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



CCA73D



98B649



54C071

# Triad

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



98B649



00BEFF



FF7DB1

# Complementary

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



98B649



6749B6

# 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.



E78AE3



98B649



1FB2FF

# Square

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



98B649



00C4D9



A69FFF



FF827E

# Rectangle

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



98B649



00C393



A69FFF



FF80C3



# Sweetspot

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



98B649



E1EDC2



B66649



71785D



F7F7F7



787878



# Same Dimension

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



98B649



BEED42



62B649



595C53



719C00



141C00



# Inverse Universe

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



6749B6



7142ED



9D49B6



55535C



2B009C



08001C



# Previews

## White Background



This preview shows how the Hex color 98B649 looks on a white background.

## Color Contrast Check

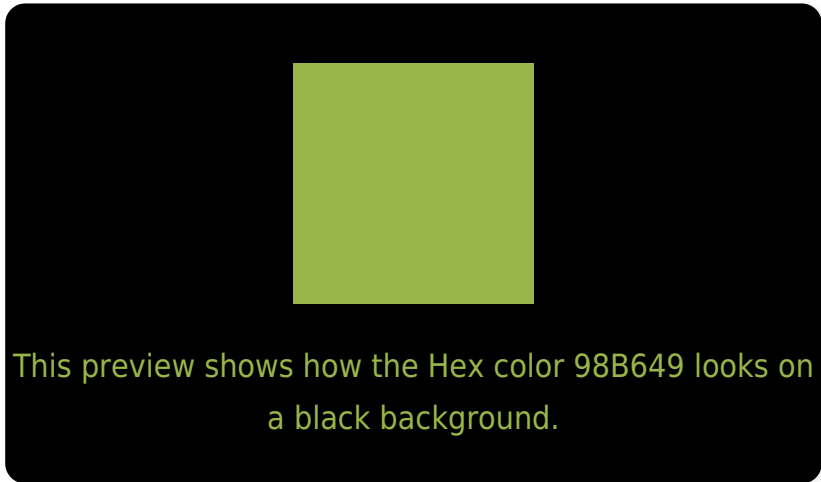
Large Text (above 18pt) WCAG AA × Fail

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 98B649 Background



This preview shows how black text looks on a background with the Hex color 98B649.



This preview shows how white text looks on a background with the Hex color 98B649.

# 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**  
98B649

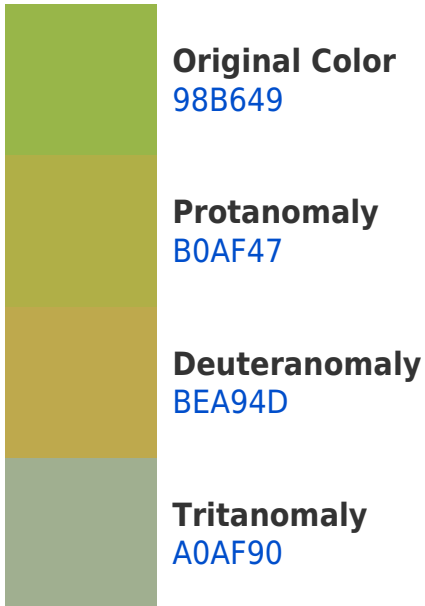
**Protanopia**  
BEAB46

**Deuteranopia**  
D3A24F

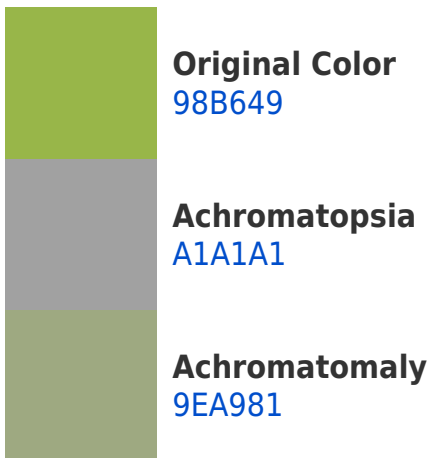


**Tritanopia**  
A5ABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98B649 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 #98B649 looks like.

```
.text, #text, p{  
    color:#98B649  
}
```

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 #98B649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98B649
}
```

## Border

The CSS property to change the border of an element to Hex 98B649 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
#98B649 }
```

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

```
.border{ border-color:#98B649 }
```

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

Here you see how a box with a 4 pixel #98B649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98B649; -webkit-box-shadow:4px 4px  
4px 4px #98B649; box-shadow:4px 4px 4px  
4px #98B649 }
```

# Background

The CSS property to change the background color of an element to Hex 98B649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98B649 }
```

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

```
.background{ background-color:#98B649 }
```

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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