

# Converting Colors

Hex(98B461)

Have a look what the booklet for  
Hex(98B461) contains.

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**Color**

**Hex(98B461)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98B461
RGB	152, 180, 97
RGB Percent	60%, 71%, 38%
CMY	0.4039, 0.2941, 0.6196
CMYK	0.16, 0.00, 0.46, 0.29
HSL	80°, 36%, 54%
HSV	80°, 46%, 71%
XYZ	31.4278, 40.1810, 17.4085
YIQ	162.1660, 9.9550, -31.7490

# Conversions

## Conversions Part 2

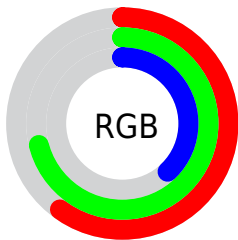
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 180, 125
Decimal	10007649
CIELab	69.60, -23.21, 39.03
CIELCh	70, 45.411, 120.735
Yxy	40.1810, 0.3531, 0.4514
Android (android.graphics.Color)	4288197729 (0xFF98B461)
YUV	162.1660, -32.1268, -8.9156
Hunter-Lab	63.3885, -22.4300, 28.0890

# Details

The Hex color **98B461** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7D61B4**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D0EC95**, and **637F2F** is the 20% darker color. If you saturate the color by 10%, you get **92B44F**, and if you desaturate by 10%, it is **9EB473**.

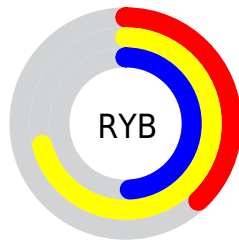
# Distribution



Red (60%)

Green (71%)

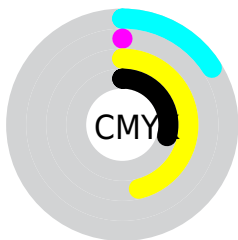
Blue (38%)



Red (38%)

Yellow (71%)

Blue (49%)

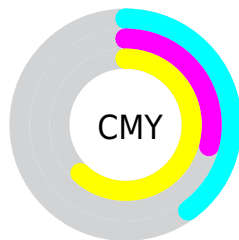


Cyan (16%)

Magenta (0%)

Yellow (46%)

Black (29%)



Cyan (40%)

Magenta (29%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98B461 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 98B461 by changing the saturation by 10% instead.





98B461



98B461

FFFFFF



7D9948



D0EC95



637F2F



ECFFB0



4A6616



FFFCC



314E00



FFFEE9



193700



002200



000000



98B461



98B461



92B44F



9EB473

 8CB43D

 A4B485

 86B42B

 AAB497

 80B419

 B0B4A9

 7AB407

 B6B4BB

 77B400

 BCB4CD

 C3B4DF

 C9B4F1

 CFB4FF

# Harmonies

## Analogous

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



C2A856



98B461



65BC80

# Triad

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



98B461



00B9F1



F688AB

# Complementary

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



98B461



7D61B4

# 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.



DE90D3



98B461



68AEFC

# Square

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



98B461



00BED3



AF9FF1



F68C82

# Rectangle

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



98B461



34BF9B



AF9FF1



F18AB9



# Sweetspot

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



98B461



E0EBCA



B47D61



6F7561



F5F5F5



757575



# Same Dimension

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



98B461



BFE66A



6FB461



565950



659900



111A00



# Inverse Universe

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



7D61B4



956AEB



A661B4



535059



340099



09001A



# Previews

## White Background



This preview shows how the Hex color 98B461 looks on a white background.

## Color Contrast Check

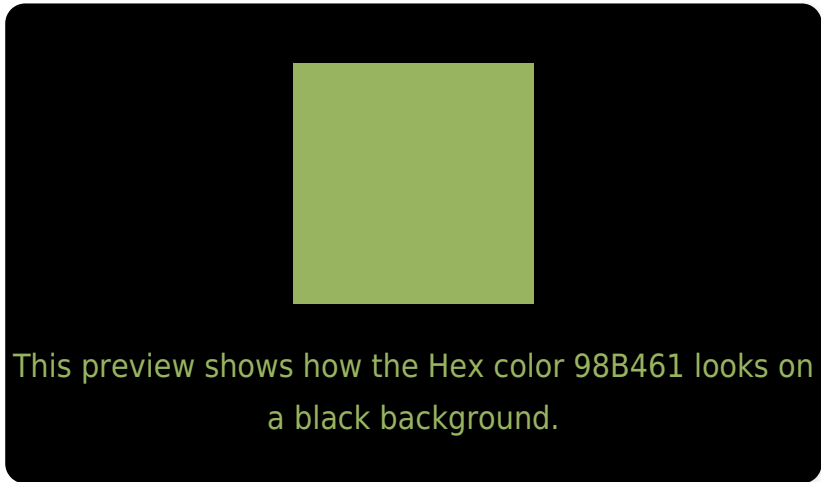
Large Text (above 18pt) WCAG AA × Fail

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

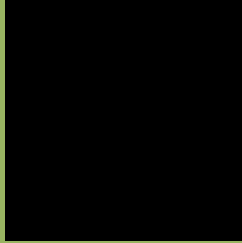
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 98B461 Background



This preview shows how black text looks on a background with the Hex color 98B461.

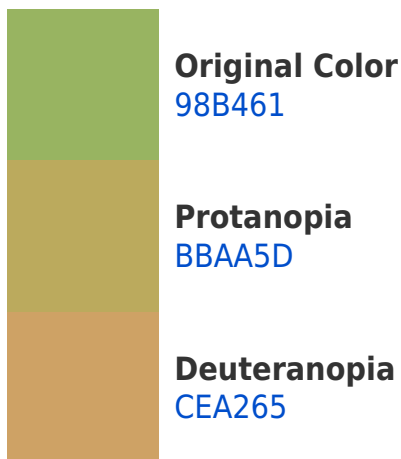


This preview shows how white text looks on a background with the Hex color 98B461.

# 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](#).

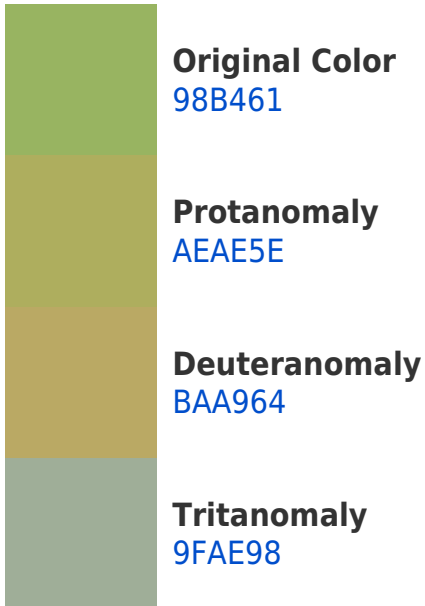
## Dichromacy



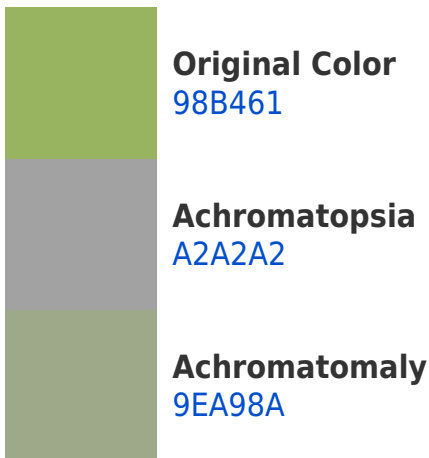


**Tritanopia**  
A3AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98B461 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 #98B461 looks like.

```
.text, #text, p{  
    color:#98B461  
}
```

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 #98B461 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98B461
}
```

## Border

The CSS property to change the border of an element to Hex 98B461 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
#98B461 }
```

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

```
.border{ border-color:#98B461 }
```

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

Here you see how a box with a 4 pixel #98B461 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98B461; -webkit-box-shadow:4px 4px  
4px 4px #98B461; box-shadow:4px 4px 4px  
4px #98B461 }
```

# Background

The CSS property to change the background color of an element to Hex 98B461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98B461 }
```

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

```
.background{ background-color:#98B461 }
```

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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