

# Converting Colors

Hex(9B9661)

Have a look what the booklet for  
Hex(9B9661) contains.

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**Color**

**Hex(9B9661)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B9661
RGB	155, 150, 97
RGB Percent	61%, 59%, 38%
CMY	0.3922, 0.4118, 0.6196
CMYK	0.00, 0.03, 0.37, 0.39
HSL	55°, 23%, 49%
HSV	55°, 37%, 61%
XYZ	26.5816, 29.6443, 15.6302
YIQ	145.4530, 19.9930, -15.4230

# Conversions

## Conversions Part 2

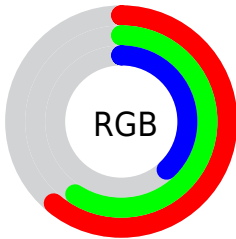
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 155, 97
Decimal	10196577
CIELab	61.35, -6.41, 28.63
CIELCh	61, 29.344, 102.620
Yxy	29.6443, 0.3699, 0.4126
Android (android.graphics.Color)	4288386657 (0xFF9B9661)
YUV	145.4530, -23.8873, 8.3727
Hunter-Lab	54.4466, -8.1354, 21.0920

# Details

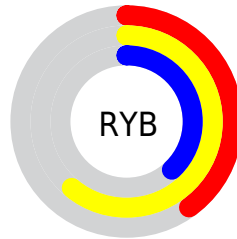
The Hex color **9B9661** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **61669B**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **D2CC94**, and **676331** is the 20% darker color. If you saturate the color by 10%, you get **9B9552**, and if you desaturate by 10%, it is **9B9771**.

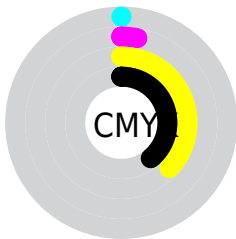
# Distribution



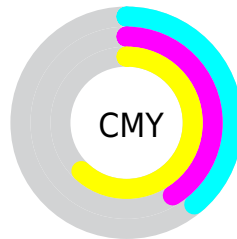
- Red (61%)
- Green (59%)
- Blue (38%)



- Red (40%)
- Yellow (61%)
- Blue (38%)



- Cyan (0%)
- Magenta (3%)
- Yellow (37%)
- Black (39%)



- Cyan (39%)
- Magenta (41%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B9661 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 9B9661 by changing the saturation by 10% instead.





9B9661



9B9661

FFFFFF



807C49



D2CC94



676331



EFE8AF



4E4C1B



FFFFCB



363503



FFFFE7



1F2000



000900



000000



9B9661



9B9661



9B9552



9B9771

 9B9342

 9B9980

 9B9233

 9B9A90

 9B9123

 9B9B9F

 9B8F14

 9B9DAF

 9B8E04

 9B9EBE

 9B8E00

 9B9FCE

 9BA1DD

 9BA2EC

# Harmonies

## Analogous

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



B38D63



9B9661



7E9D6D

# Triad

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



9B9661



3DA0B6



BE82A4

# Complementary

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



9B9661



61669B

# 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.



A58ABA



9B9661



5A9BC5

# Square

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



9B9661



43A29E



8293C6



C8818A

# Rectangle

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



9B9661



6AA07B



8293C6



B784AC



# Sweetspot

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



9B9661



C9C8B3



9B6167



666559



E6E6E6



666666



# Same Dimension

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



9B9661



C9C26F



849B61



4D4C45



8C8000



0D0C00



# Inverse Universe

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



61669B



6F77C9



78619B



45464D



000C8C



00010D



# Previews

## White Background



This preview shows how the Hex color 9B9661 looks on a white background.

## Color Contrast Check

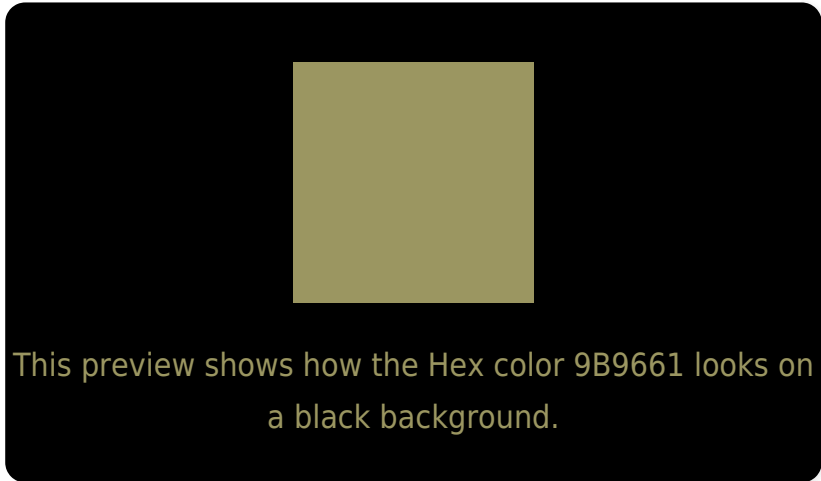
Large Text (above 18pt) WCAG AA ✓ Pass

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

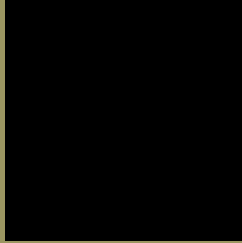
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9B9661 Background



This preview shows how black text looks on a background with the Hex color 9B9661.



This preview shows how white text looks on a background with the Hex color 9B9661.

# 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**  
9B9661

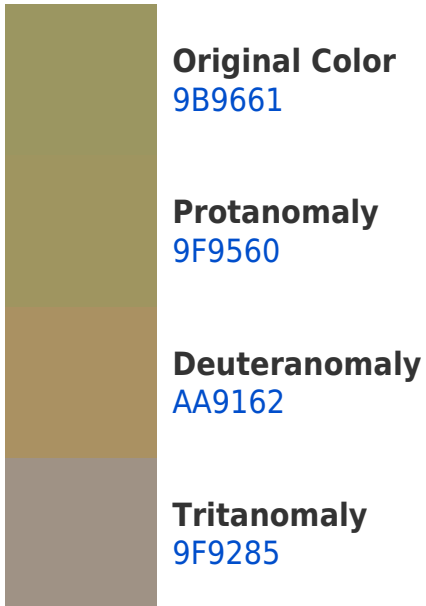
**Protanopia**  
A19460

**Deuteranopia**  
B28E63

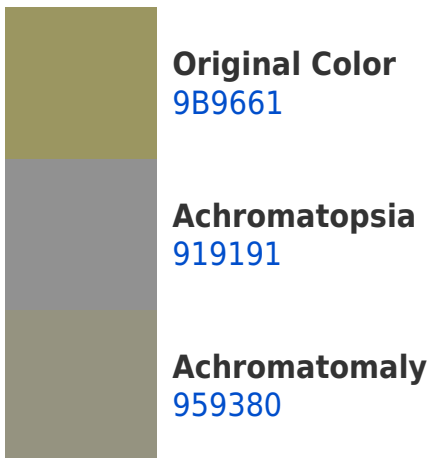


**Tritanopia**  
A28F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B9661 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 #9B9661 looks like.

```
.text, #text, p{  
    color:#9B9661  
}
```

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 #9B9661 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B9661
}
```

## Border

The CSS property to change the border of an element to Hex 9B9661 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
#9B9661 }
```

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

```
.border{ border-color:#9B9661 }
```

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

Here you see how a box with a 4 pixel #9B9661 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B9661; -webkit-box-shadow:4px 4px  
4px 4px #9B9661; box-shadow:4px 4px 4px  
4px #9B9661 }
```

# Background

The CSS property to change the background color of an element to Hex 9B9661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B9661 }
```

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

```
.background{ background-color:#9B9661 }
```

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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