

# Converting Colors

Hex(9F9861)

Have a look what the booklet for  
Hex(9F9861) contains.

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# **Color**

**Hex(9F9861)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F9861
RGB	159, 152, 97
RGB Percent	62%, 60%, 38%
CMY	0.3765, 0.4039, 0.6196
CMYK	0.00, 0.04, 0.39, 0.38
HSL	53°, 24%, 50%
HSV	53°, 39%, 62%
XYZ	27.6840, 30.6905, 15.7740
YIQ	147.8230, 21.8270, -15.6210

# Conversions

## Conversions Part 2

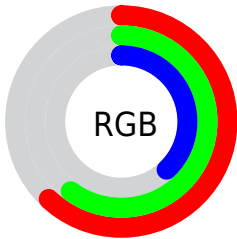
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">105, 159, 97</a>
Decimal	<a href="#">10459233</a>
CIELab	<a href="#">62.25, -5.83, 29.87</a>
CIELCh	<a href="#">62, 30.429, 101.043</a>
Yxy	<a href="#">30.6905, 0.3734, 0.4139</a>
Android (android.graphics.Color)	<a href="#">4288649313 (0xFF9F9861)</a>
YUV	<a href="#">147.8230, -25.0557, 9.8022</a>
Hunter-Lab	<a href="#">55.3990, -7.7482, 21.8974</a>

# Details

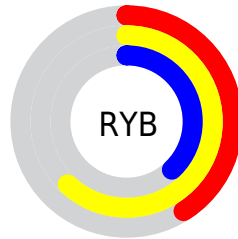
The Hex color **9F9861** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **61689F**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **D7CE94**, and **6A6531** is the 20% darker color. If you saturate the color by 10%, you get **9F9651**, and if you desaturate by 10%, it is **9F9A71**.

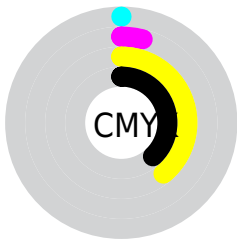
# Distribution



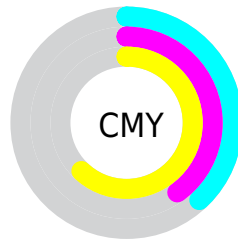
- Red (62%)
- Green (60%)
- Blue (38%)



- Red (41%)
- Yellow (62%)
- Blue (38%)



- Cyan (0%)
- Magenta (4%)
- Yellow (39%)
- Black (38%)



- Cyan (38%)
- Magenta (40%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F9861 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 9F9861 by changing the saturation by 10% instead.





9F9861



9F9861

FFFFFF



847E49



D7CE94



6A6531



F3EAAF



514D1A



FFFFCB



393702



FFFFE7



222200



000C00



000000



9F9861



9F9861



9F9651



9F9A71

 9F9441

 9F9C81

 9F9331

 9F9D91

 9F9121

 9F9FA1

 9F8F11

 9FA1B1

 9F8D02

 9FA3C0

 9F8D00

 9FA5D0

 9FA6E0

 9FA8F0

# Harmonies

## Analogous

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



B88F64



9F9861



819F6D

# Triad

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



9F9861



39A3B9



C184A9

# Complementary

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



9F9861



61689F

# 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.



A78CBF



9F9861



579EC9

# Square

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



9F9861



42A5A0



8196CB



CC828D

# Rectangle

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



9F9861



6CA37B



8196CB



BA86B1



# Sweetspot

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



9F9861



CFCCB6



9F6168



69675A



E8E8E8



696969



# Same Dimension

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



9F9861



CFC46D



879F61



4F4E47



8F7F00



0F0E00



# Inverse Universe

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



61689F



6D78CF



79619F



47484F



00108F



00020F



# Previews

## White Background



This preview shows how the Hex color 9F9861 looks on a white background.

## Color Contrast Check

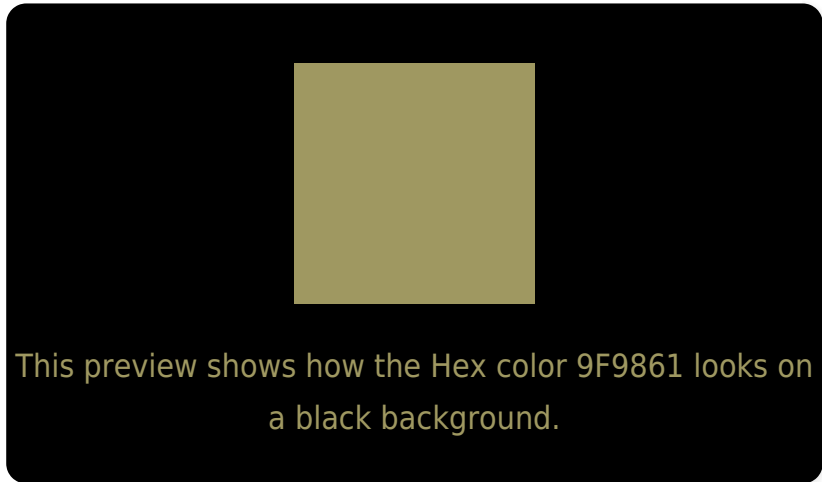
Large Text (above 18pt) WCAG AA × Fail

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 9F9861 Background



This preview shows how black text looks on a background with the Hex color 9F9861.

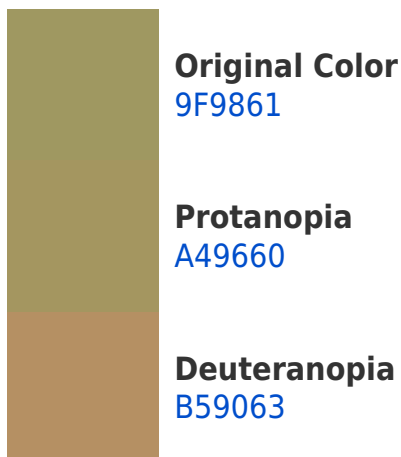



This preview shows how white text looks on a background with the Hex color 9F9861.

# 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**  
A6919C

# Trichromacy



**Original Color**  
9F9861

**Protanomaly**  
A29760

**Deuteranomaly**  
AD9362

**Tritanomaly**  
A39487

# Monochromacy



**Original Color**  
9F9861

**Achromatopsia**  
949494

**Achromatomaly**  
989581

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F9861 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 #9F9861 looks like.

```
.text, #text, p{  
    color:#9F9861  
}
```

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 #9F9861 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F9861
}
```

## Border

The CSS property to change the border of an element to Hex 9F9861 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
#9F9861 }
```

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

```
.border{ border-color:#9F9861 }
```

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

Here you see how a box with a 4 pixel #9F9861 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F9861; -webkit-box-shadow:4px 4px  
4px 4px #9F9861; box-shadow:4px 4px 4px  
4px #9F9861 }
```

# Background

The CSS property to change the background color of an element to Hex 9F9861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F9861 }
```

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

```
.background{ background-color:#9F9861 }
```

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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