

# Converting Colors

Hex(9D9634)

Have a look what the booklet for  
Hex(9D9634) contains.

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**Color**

**Hex(9D9634)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D9634
RGB	157, 150, 52
RGB Percent	62%, 59%, 20%
CMY	0.3843, 0.4118, 0.7961
CMYK	0.00, 0.04, 0.67, 0.38
HSL	56°, 50%, 41%
HSV	56°, 67%, 62%
XYZ	25.4308, 29.2287, 7.5502
YIQ	140.9210, 35.6300, -28.9940

# Conversions

## Conversions Part 2

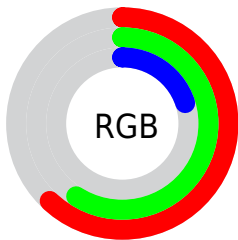
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 157, 52
Decimal	10327604
CIELab	60.98, -9.63, 50.56
CIELCh	61, 51.472, 100.788
Yxy	29.2287, 0.4088, 0.4698
Android (android.graphics.Color)	4288517684 (0xFF9D9634)
YUV	140.9210, -43.8381, 14.1013
Hunter-Lab	54.0636, -10.6472, 29.5645

# Details

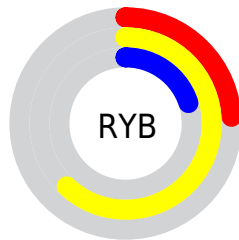
The Hex color **9D9634** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **343B9D**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **D6CC68**, and **666400** is the 20% darker color. If you saturate the color by 10%, you get **9D9524**, and if you desaturate by 10%, it is **9D9744**.

# Distribution



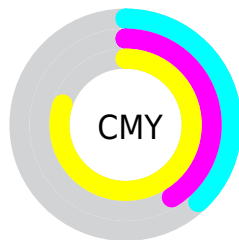
- Red (62%)
- Green (59%)
- Blue (20%)



- Red (24%)
- Yellow (62%)
- Blue (20%)



- Cyan (0%)
- Magenta (4%)
- Yellow (67%)
- Black (38%)



- Cyan (38%)
- Magenta (41%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D9634 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 9D9634 by changing the saturation by 10% instead.





9D9634



9D9634

FFFFFF



817C18



D6CC68



666400



F3E882



4D4C00



FFFF9D



333500



FFFFB9



1A2000



FFFFD5



000700



FFFFF2



000000



9D9634



9D9634



9D9524



9D9744

 9D9415

 9D9853

 9D9305

 9D9963

 9D9300

 9D9A73

 9D9B83

 9D9C92

 9D9DA2

 9D9EB2

 9D9FC1

# Harmonies

## Analogous

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



C5863B



9D9634



6BA14B

# Triad

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



9D9634



00A8CD



D770B2

# Complementary

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



9D9634



343B9D

# 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.



AB80D8



9D9634



00A0E9

# Square

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



9D9634



00AAA3



5F93ED



E76B84

# Rectangle

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



9D9634



3EA665



5F93ED



CC75C0



# Sweetspot

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



9D9634



CCC9A3



9D343B



66644E



E6E6E6



666666



# Same Dimension

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



9D9634



CCC129



709D34



4F4F47



8F8500



0F0E00



# Inverse Universe

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



343B9D



2934CC



62349D



47484F



000A8F



00010F



# Previews

## White Background



This preview shows how the Hex color 9D9634 looks on a white background.

## Color Contrast Check

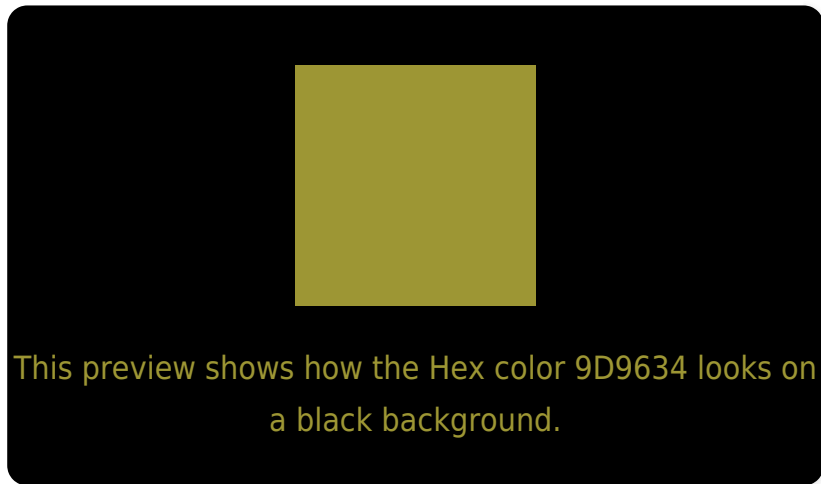
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D9634 Background



This preview shows how black text looks on a background with the Hex color 9D9634.



This preview shows how white text looks on a background with the Hex color 9D9634.

# 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**  
9D9634

**Protanopia**  
A59333

**Deuteranopia**  
B78C37

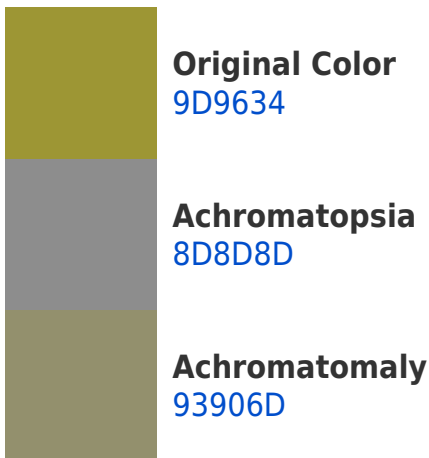


**Tritanopia**  
A68C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D9634 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 #9D9634 looks like.

```
.text, #text, p{  
    color:#9D9634  
}
```

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 #9D9634 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D9634
}
```

## Border

The CSS property to change the border of an element to Hex 9D9634 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
#9D9634 }
```

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

```
.border{ border-color:#9D9634 }
```

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

Here you see how a box with a 4 pixel #9D9634 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D9634; -webkit-box-shadow:4px 4px  
4px 4px #9D9634; box-shadow:4px 4px 4px  
4px #9D9634 }
```

# Background

The CSS property to change the background color of an element to Hex 9D9634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D9634 }
```

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

```
.background{ background-color:#9D9634 }
```

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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