

# Converting Colors

Hex(9E9934)

Have a look what the booklet for  
Hex(9E9934) contains.

<b>Hex(9E9934)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(9E9934)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E9934
RGB	158, 153, 52
RGB Percent	62%, 60%, 20%
CMY	0.3804, 0.4000, 0.7961
CMYK	0.00, 0.03, 0.67, 0.38
HSL	57°, 50%, 41%
HSV	57°, 67%, 62%
XYZ	26.1116, 30.2995, 7.7210
YIQ	142.9810, 35.4010, -30.3510

# Conversions

## Conversions Part 2

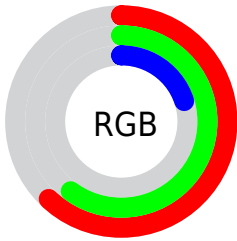
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">57, 158, 52</a>
Decimal	<a href="#">10393908</a>
CIELab	<a href="#">61.91, -10.79, 51.55</a>
CIELCh	<a href="#">62, 52.666, 101.820</a>
Yxy	<a href="#">30.2995, 0.4072, 0.4725</a>
Android (android.graphics.Color)	<a href="#">4288583988 (0xFF9E9934)</a>
YUV	<a href="#">142.9810, -44.8536, 13.1717</a>
Hunter-Lab	<a href="#">55.0450, -11.6539, 30.2151</a>

# Details

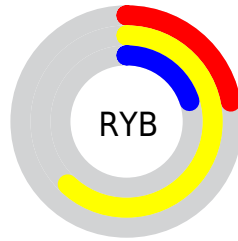
The Hex color **9E9934** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **34399E**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **D7CF68**, and **676600** is the 20% darker color. If you saturate the color by 10%, you get **9E9824**, and if you desaturate by 10%, it is **9E9A44**.

# Distribution



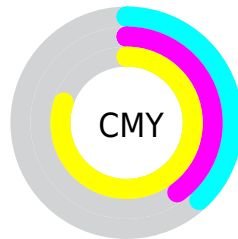
- Red (62%)
- Green (60%)
- Blue (20%)



- Red (22%)
- Yellow (62%)
- Blue (20%)



- Cyan (0%)
- Magenta (3%)
- Yellow (67%)
- Black (38%)



- Cyan (38%)
- Magenta (40%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E9934 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 9E9934 by changing the saturation by 10% instead.





9E9934



9E9934

FFFFFF



827F18



D7CF68



676600



F4EB83



4E4E00



FFFF9E



343800



FFFFB9



1B2300



FFFFD6



000D00



FFFFF3



000000



9E9934



9E9934



9E9824



9E9A44

■ 9E9814

■ 9E9A54

■ 9E9705

■ 9E9B63

■ 9E9700

■ 9E9C73

■ 9E9D83

■ 9E9D93

■ 9E9EA3

■ 9E9FB2

■ 9EA0C2

# Harmonies

## Analogous

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



C7893A



9E9934



6BA44D

# Triad

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



9E9934



00AAD3



DC71B4

# Complementary

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



9E9934



34399E

# 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.



B182DC



9E9934



00A2EE

# Square

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



9E9934



00ADA7



6394F1



EC6C85

# Rectangle

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



9E9934



3AA968



6394F1



D176C2



# Sweetspot

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



9E9934



CFCDA5



9E3439



69674F



E8E8E8



696969



# Same Dimension

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



9E9934



CFC727



6E9E34



4F4F47



8F8800



0F0F00



# Inverse Universe

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



34399E



272FCF



64349E



47484F



00078F



00010F



# Previews

## White Background



This preview shows how the Hex color 9E9934 looks on a white background.

## Color Contrast Check

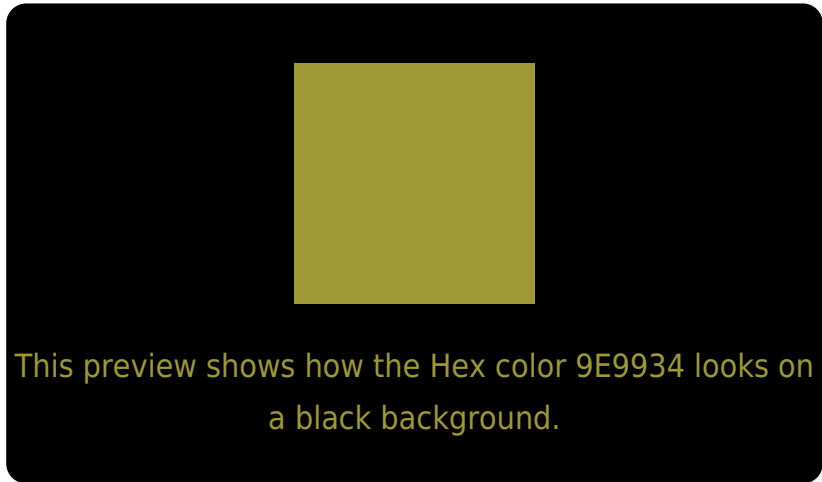
Large Text (above 18pt) WCAG AA × Fail

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 9E9934 Background



This preview shows how black text looks on a background with the Hex color 9E9934.



This preview shows how white text looks on a background with the Hex color 9E9934.

# 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**  
9E9934

**Protanopia**  
A79633

**Deuteranopia**  
BA8E38



**Tritanopia**  
A78F9A

# Trichromacy



**Original Color**  
9E9934

**Protanomaly**  
A49733

**Deuteranomaly**  
B09237

**Tritanomaly**  
A49375

# Monochromacy



**Original Color**  
9E9934

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
94936E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E9934 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 #9E9934 looks like.

```
.text, #text, p{  
    color:#9E9934  
}
```

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 #9E9934 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9934
}
```

## Border

The CSS property to change the border of an element to Hex 9E9934 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
#9E9934 }
```

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

```
.border{ border-color:#9E9934 }
```

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

Here you see how a box with a 4 pixel #9E9934 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9934; -webkit-box-shadow:4px 4px  
4px 4px #9E9934; box-shadow:4px 4px 4px  
4px #9E9934 }
```

# Background

The CSS property to change the background color of an element to Hex 9E9934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9934 }
```

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

```
.background{ background-color:#9E9934 }
```

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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