

# Converting Colors

Hex(9C9C54)

Have a look what the booklet for  
Hex(9C9C54) contains.

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**Color**

**Hex(9C9C54)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C9C54
RGB	156, 156, 84
RGB Percent	61%, 61%, 33%
CMY	0.3882, 0.3882, 0.6706
CMYK	0.00, 0.00, 0.46, 0.39
HSL	60°, 30%, 47%
HSV	60°, 46%, 61%
XYZ	27.1990, 31.4849, 13.0312
YIQ	147.7920, 23.1120, -22.3920

# Conversions

## Conversions Part 2

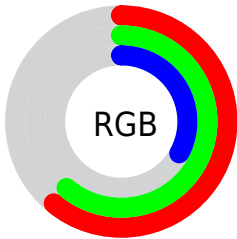
Format	Color
<a href="#">RYB</a>	84, 156, 84
Decimal	10263636
CIELab	62.91, -10.66, 37.50
CIELCh	63, 38.985, 105.870
Yxy	31.4849, 0.3793, 0.4390
Android (android.graphics.Color)	4288453716 (0xFF9C9C54)
YUV	147.7920, -31.4495, 7.1984
Hunter-Lab	56.1114, -11.6704, 25.5087

# Details

The Hex color **9C9C54** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **54549C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **D4D287**, and **676924** is the 20% darker color. If you saturate the color by 10%, you get **9C9C44**, and if you desaturate by 10%, it is **9C9C64**.

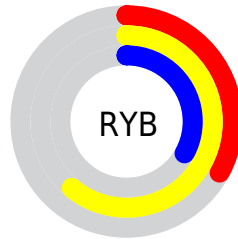
# Distribution



Red (61%)

Green (61%)

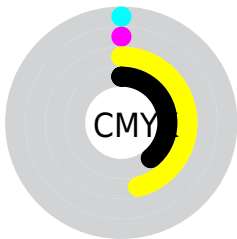
Blue (33%)



Red (33%)

Yellow (61%)

Blue (33%)

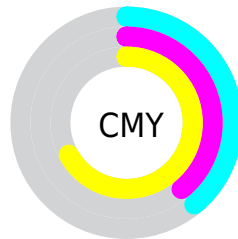


Cyan (0%)

Magenta (0%)

Yellow (46%)

Black (39%)



Cyan (39%)

Magenta (39%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C9C54 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 9C9C54 by changing the saturation by 10% instead.



 9C9C54

 9C9C54

FFFFFF

 81823C

 D4D287

 676924

 F1EFA2

 4E5109

 FFFFBD

 363A00

 FFFFD9

 1E2500

 FFFFF6

 001100

 000000

 9C9C54

 9C9C54

 9C9C44

 9C9C64

 9C9C35

 9C9C73

 9C9C25

 9C9C83

 9C9C16

 9C9C92

 9C9C06

 9C9CA2

 9C9C00

 9C9CB2

 9C9CC1

 9C9CD1

 9C9CE0

# Harmonies

## Analogous

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



BC9055



9C9C54



75A567

# Triad

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



9C9C54



00A8C9



D17EAA

# Complementary

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



9C9C54



54549C

# 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.



B388C9



9C9C54



3FA1DB

# Square

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



9C9C54



00AAAA



8295DB



DB7D87

# Rectangle

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



9C9C54



57A87B



8295DB



C981B5



# Sweetspot

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



9C9C54



CCCCAF



9C5454



666655



E6E6E6



666666



# Same Dimension

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



9C9C54



CCCC5C



789C54



4F4F47



8F8F00



0F0F00



# Inverse Universe

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



54549C



5C5CCC



78549C



47474F



00008F



00000F



# Previews

## White Background



This preview shows how the Hex color 9C9C54 looks on a white background.

## Color Contrast Check

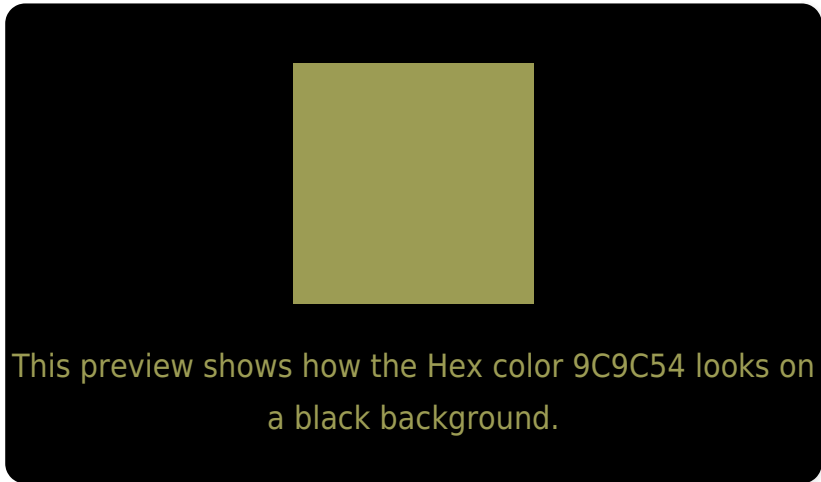
Large Text (above 18pt) WCAG AA × Fail

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

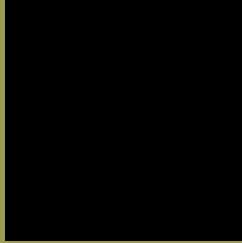
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9C9C54 Background



This preview shows how black text looks on a background with the Hex color 9C9C54.



This preview shows how white text looks on a background with the Hex color 9C9C54.

# 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**  
9C9C54

**Protanopia**  
A79853

**Deuteranopia**  
B99157

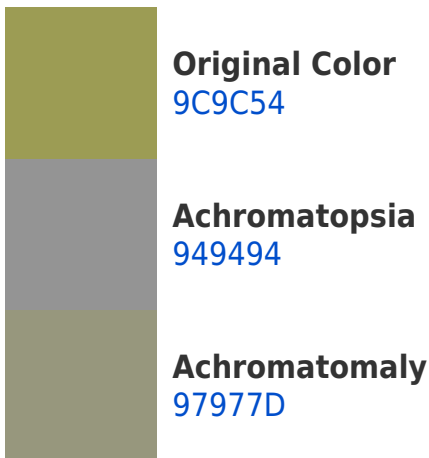


**Tritanopia**  
A4939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C9C54 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 #9C9C54 looks like.

```
.text, #text, p{  
    color:#9C9C54  
}
```

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 #9C9C54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C9C54
}
```

## Border

The CSS property to change the border of an element to Hex 9C9C54 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
#9C9C54 }
```

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

```
.border{ border-color:#9C9C54 }
```

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

Here you see how a box with a 4 pixel #9C9C54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C9C54; -webkit-box-shadow:4px 4px  
4px 4px #9C9C54; box-shadow:4px 4px 4px  
4px #9C9C54 }
```

# Background

The CSS property to change the background color of an element to Hex 9C9C54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C9C54 }
```

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

```
.background{ background-color:#9C9C54 }
```

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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