

# Converting Colors

Hex(949A54)

Have a look what the booklet for  
Hex(949A54) contains.

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**Color**

**Hex(949A54)**

# Conversions

## Conversions Part 1

Format	Color
Hex	949A54
RGB	148, 154, 84
RGB Percent	58%, 60%, 33%
CMY	0.4196, 0.3961, 0.6706
CMYK	0.04, 0.00, 0.45, 0.40
HSL	65°, 29%, 47%
HSV	65°, 45%, 60%
XYZ	25.3686, 30.0472, 12.8501
YIQ	144.2260, 18.8940, -23.0420

# Conversions

## Conversions Part 2

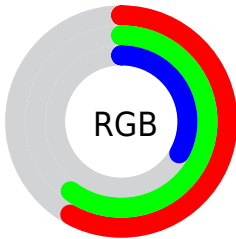
Format	Color
<a href="#">RYB</a>	<a href="#">84, 154, 90</a>
Decimal	<a href="#">9738836</a>
CIELab	<a href="#">61.69, -12.97, 35.85</a>
CIELCh	<a href="#">62, 38.127, 109.881</a>
Yxy	<a href="#">30.0472, 0.3716, 0.4401</a>
Android (android.graphics.Color)	<a href="#">4287928916</a> ( <a href="#">0xFF949A54</a> )
YUV	<a href="#">144.2260, -29.6914, 3.3098</a>
Hunter-Lab	<a href="#">54.8153, -13.3169, 24.4716</a>

# Details

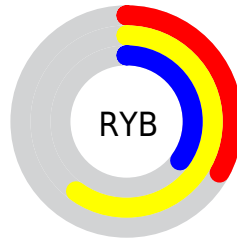
The Hex color **949A54** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5A549A**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **CBD087**, and **606724** is the 20% darker color. If you saturate the color by 10%, you get **939A45**, and if you desaturate by 10%, it is **959A63**.

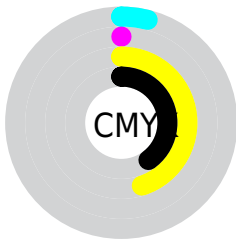
# Distribution



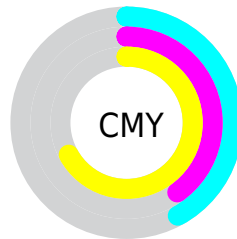
- Red (58%)
- Green (60%)
- Blue (33%)



- Red (33%)
- Yellow (60%)
- Blue (35%)



- Cyan (4%)
- Magenta (0%)
- Yellow (45%)
- Black (40%)



- Cyan (42%)
- Magenta (40%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 949A54 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 949A54 by changing the saturation by 10% instead.





949A54



949A54

FFFFFF



79803C



CBD087



606724



E8EDA2



474F0B



FFFFBD



303800



FFFFD9



172300



FFFFFF6



000C00



000000



949A54



949A54



939A45



959A63

919A35

979A73

909A26

989A82

8F9A16

999A92

8D9A07

9B9AA1

8D9A00

9C9AB0

9D9AC0

9F9ACF

A09ADF

# Harmonies

## Analogous

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



B58F52



949A54



6DA268

# Triad

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



949A54



00A3C8



CF7BA2

# Complementary

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



949A54



5A549A

# 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.



B484C1



949A54



499CD7

# Square

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



949A54



00A7AB



8791D4



D67B80

# Rectangle

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



949A54



4FA57D



8791D4



C87DAD



# Sweetspot

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



949A54



C7C9AD



9A5A54



656655



E6E6E6



666666



# Same Dimension

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



949A54



C0C95B



719A54



4C4D45



808C00



0C0D00



# Inverse Universe

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



5A549A



645BC9



7D549A



46454D



0C008C



01000D



# Previews

## White Background



This preview shows how the Hex color 949A54 looks on a white background.

## Color Contrast Check

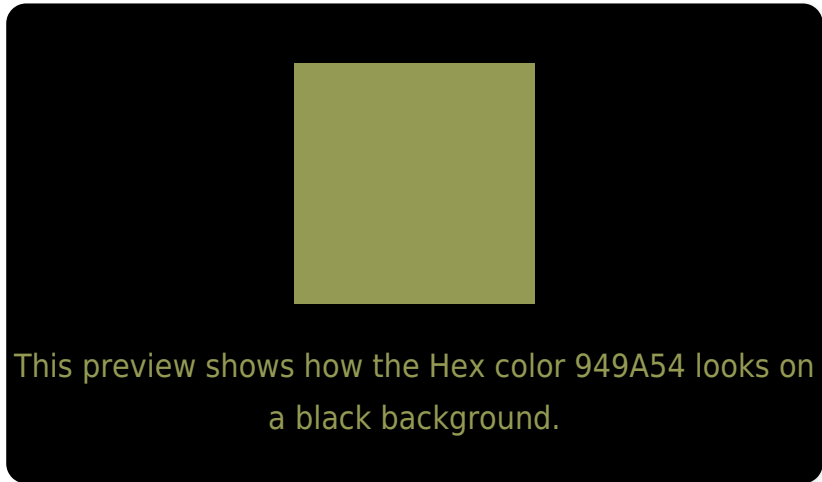
Large Text (above 18pt) WCAG AA ✓ Pass

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

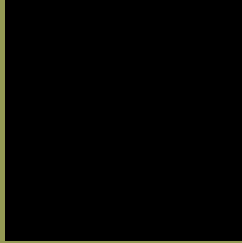
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 949A54 Background



This preview shows how black text looks on a background with the Hex color 949A54.



This preview shows how white text looks on a background with the Hex color 949A54.

# 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](#).

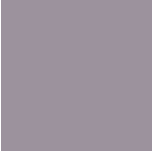
## Dichromacy



**Original Color**  
949A54

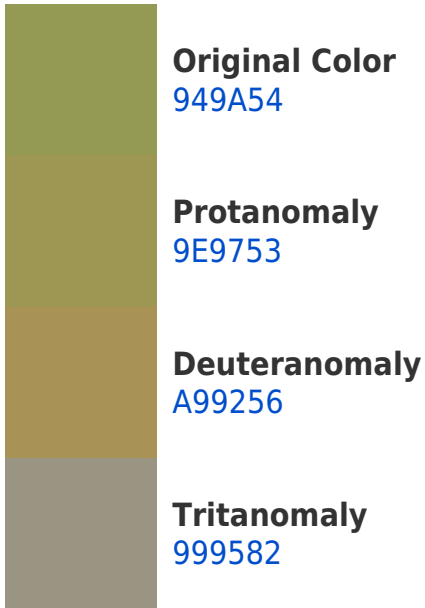
**Protanopia**  
A49552

**Deuteranopia**  
B58E57

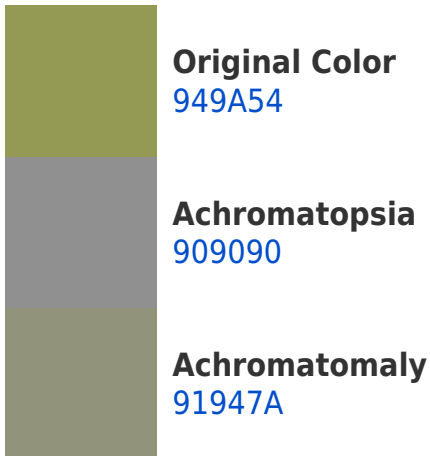


**Tritanopia**  
9C929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 949A54 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 #949A54 looks like.

```
.text, #text, p{  
    color:#949A54  
}
```

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 #949A54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949A54
}
```

## Border

The CSS property to change the border of an element to Hex 949A54 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
#949A54 }
```

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

```
.border{ border-color:#949A54 }
```

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

Here you see how a box with a 4 pixel #949A54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949A54; -webkit-box-shadow:4px 4px  
4px 4px #949A54; box-shadow:4px 4px 4px  
4px #949A54 }
```

# Background

The CSS property to change the background color of an element to Hex 949A54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949A54 }
```

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

```
.background{ background-color:#949A54 }
```

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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