

# Converting Colors

Hex(949E3C)

Have a look what the booklet for  
Hex(949E3C) contains.

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**Color**

**Hex(949E3C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	949E3C
RGB	148, 158, 60
RGB Percent	58%, 62%, 24%
CMY	0.4196, 0.3804, 0.7647
CMYK	0.06, 0.00, 0.62, 0.38
HSL	66°, 45%, 43%
HSV	66°, 62%, 62%
XYZ	25.2552, 31.0759, 8.9421
YIQ	143.8380, 25.4980, -32.5980

# Conversions

## Conversions Part 2

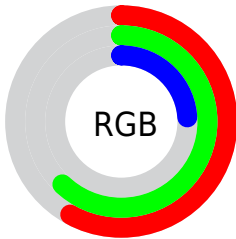
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">60, 158, 70</a>
Decimal	<a href="#">9739836</a>
CIELab	<a href="#">62.57, -17.23, 48.53</a>
CIELCh	<a href="#">63, 51.500, 109.540</a>
Yxy	<a href="#">31.0759, 0.3869, 0.4761</a>
Android (android.graphics.Color)	<a href="#">4287929916 (0xFF949E3C)</a>
YUV	<a href="#">143.8380, -41.3321, 3.6501</a>
Hunter-Lab	<a href="#">55.7457, -16.6868, 29.5114</a>

# Details

The Hex color **949E3C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **463C9E**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **CCD570**, and **5E6B00** is the 20% darker color. If you saturate the color by 10%, you get **929E2C**, and if you desaturate by 10%, it is **969E4C**.

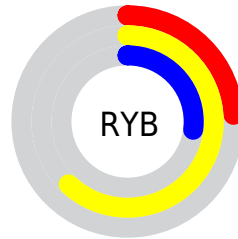
# Distribution



Red (58%)

Green (62%)

Blue (24%)



Red (24%)

Yellow (62%)

Blue (27%)

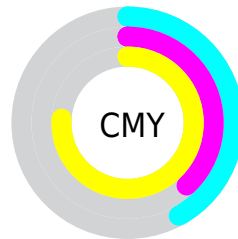


Cyan (6%)

Magenta (0%)

Yellow (62%)

Black (38%)



Cyan (42%)

Magenta (38%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 949E3C 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 949E3C by changing the saturation by 10% instead.





949E3C



949E3C

FFFFFF



798422



CCD570



5E6B00



E9F18A



455300



FFFFA5



2C3C00



FFFFC1



132600



FFFFDE



001000



FFFFFB



000000



949E3C



949E3C



929E2C



969E4C

 919E1C

 979E5C

 8F9E0D

 999E6B

 8E9E00

 9A9E7B

 9C9E8B

 9E9E9B

 9F9EAB

 A19EBA

 A39ECA

# Harmonies

## Analogous

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



BF8F3A



949E3C



5EA859

# Triad

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



949E3C



00AADC



E371A9

# Complementary

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



949E3C



463C9E

# 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.



C07FD3



949E3C



00A1F1

# Square

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



949E3C



00AEB4



7E92EE



EC717B

# Rectangle

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



949E3C



22AC76



7E92EE



DA75B8



# Sweetspot

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



949E3C



CBCFA7



9E463C



666951



E8E8E8



696969



# Same Dimension

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



949E3C



BFCF36



639E3C



4E4F47



808F00



0E0F00



# Inverse Universe

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



463C9E



4536CF



773C9E



48474F



0F008F



02000F



# Previews

## White Background



This preview shows how the Hex color 949E3C looks on a white background.

## Color Contrast Check

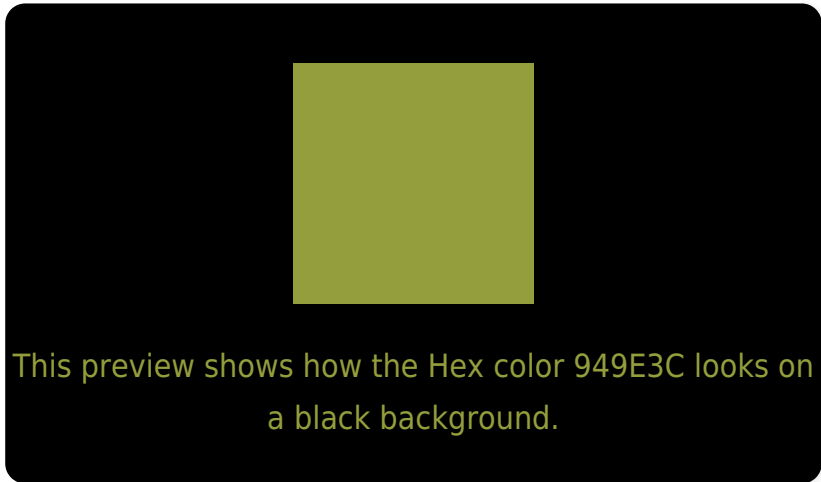
Large Text (above 18pt) WCAG AA × Fail

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

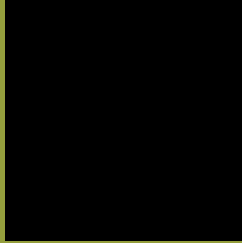
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 949E3C Background



This preview shows how black text looks on a background with the Hex color 949E3C.



This preview shows how white text looks on a background with the Hex color 949E3C.

# 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](#).

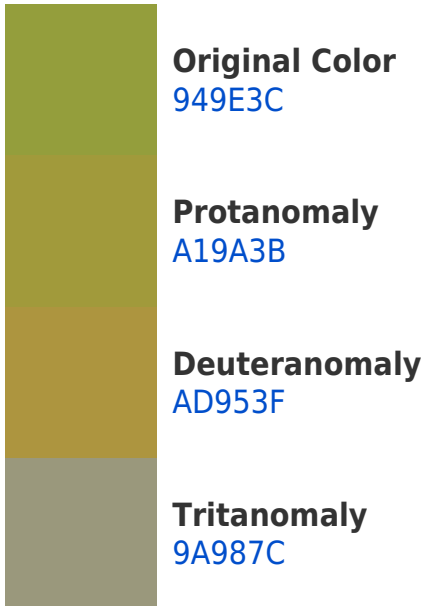
## Dichromacy





**Tritanopia**  
9E94A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 949E3C 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 #949E3C looks like.

```
.text, #text, p{  
    color:#949E3C  
}
```

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 #949E3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949E3C
}
```

## Border

The CSS property to change the border of an element to Hex 949E3C 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
#949E3C }
```

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

```
.border{ border-color:#949E3C }
```

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

Here you see how a box with a 4 pixel #949E3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949E3C; -webkit-box-shadow:4px 4px  
4px 4px #949E3C; box-shadow:4px 4px 4px  
4px #949E3C }
```

# Background

The CSS property to change the background color of an element to Hex 949E3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949E3C }
```

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

```
.background{ background-color:#949E3C }
```

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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