

# Converting Colors

Hex(9E4949)

Have a look what the booklet for  
Hex(9E4949) contains.

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**Color**

**Hex(9E4949)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E4949
RGB	158, 73, 73
RGB Percent	62%, 29%, 29%
CMY	0.3804, 0.7137, 0.7137
CMYK	0.00, 0.54, 0.54, 0.38
HSL	0°, 37%, 45%
HSV	0°, 54%, 62%
XYZ	17.6857, 12.5152, 7.7869
YIQ	98.4150, 50.6600, 18.0200

# Conversions

## Conversions Part 2

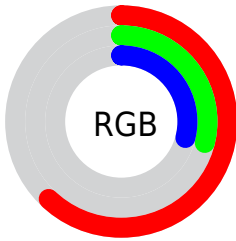
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 73, 73
Decimal	10373449
CIE Lab	42.02, 35.35, 17.02
CIE LCh	42, 39.235, 25.715
Yxy	12.5152, 0.4656, 0.3295
Android (android.graphics.Color)	4288563529 (0xFF9E4949)
YUV	98.4150, -12.5296, 52.2560
Hunter-Lab	35.3769, 27.3267, 11.7134

# Details

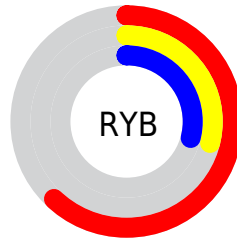
The Hex color **9E4949** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **499E9E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **D87C7A**, and **66171D** is the 20% darker color. If you saturate the color by 10%, you get **9E3939**, and if you desaturate by 10%, it is **9E5959**.

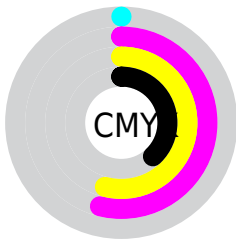
# Distribution



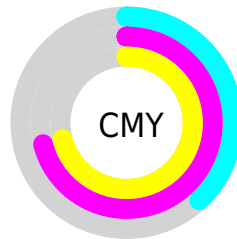
- Red (62%)
- Green (29%)
- Blue (29%)



- Red (62%)
- Yellow (29%)
- Blue (29%)



- Cyan (0%)
- Magenta (54%)
- Yellow (54%)
- Black (38%)



- Cyan (38%)
- Magenta (71%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E4949 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 9E4949 by changing the saturation by 10% instead.



 9E4949

 9E4949

FFFFFF

 823032

 D87C7A

 66171D

 F69793

 4B0005

 FF2AE

 320001

 FFCEC9

 030000

 FFEAE5

 000000

 9E4949

 9E4949

 9E3939

 9E5959

 9E2929

 9E6969

 9E1A1A

 9E7878

 9E0A0A

 9E8888

 9E0000

 9E9898

 9EA8A8

 9EB8B8

 9EC7C7

 9ED7D7

# Harmonies

## Analogous

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



9B4769



9E4949



91542E

# Triad

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



9E4949



30703D



0068A3

# Complementary

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



9E4949



499E9E

# 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.



007098



9E4949



00735D

# Square

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



9E4949



5A6A25



00737E



5D5D9E

# Rectangle

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



9E4949



825C22



00737E



006BA2



# Sweetspot

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



9E4949



CFAEAE



9E499E



695555



E8E8E8



696969



# Same Dimension

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



9E4949



CF4848



9E7349



4F4747



8F0000



0F0000



# Inverse Universe

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



499E9E



48CFCE



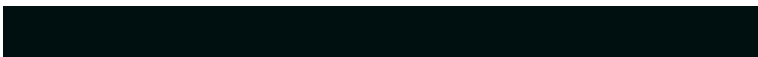
49739E



474F4F



008F8F

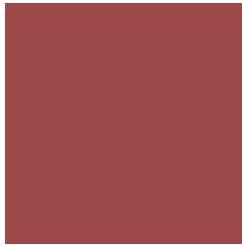


000F0F



# Previews

## White Background



This preview shows how the Hex color 9E4949 looks on a white background.

## Color Contrast Check

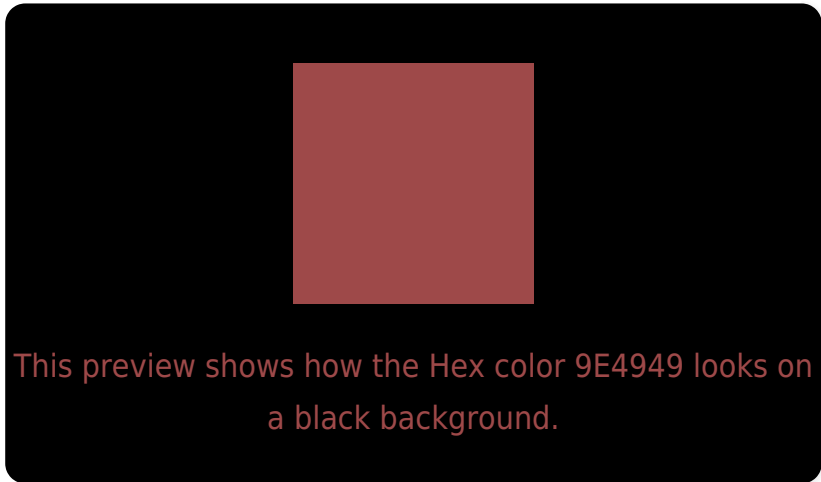
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 9E4949 Background



This preview shows how black text looks on a background with the Hex color 9E4949.

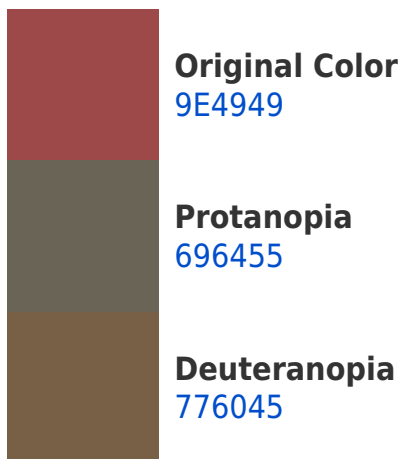



This preview shows how white text looks on a background with the Hex color 9E4949.

# 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**  
9E484D

# Trichromacy



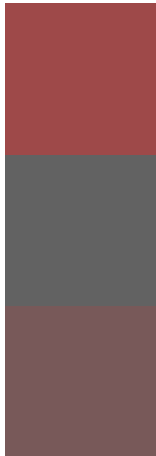
**Original Color**  
9E4949

**Protanomaly**  
7C5A51

**Deuteranomaly**  
855846

**Tritanomaly**  
9E484C

# Monochromacy



**Original Color**  
9E4949

**Achromatopsia**  
626262

**Achromatomaly**  
785959

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E4949 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 #9E4949 looks like.

```
.text, #text, p{  
    color:#9E4949  
}
```

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 #9E4949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E4949
}
```

## Border

The CSS property to change the border of an element to Hex 9E4949 is called "border". The border property can be set on classes, ids or directly on the HTML element.

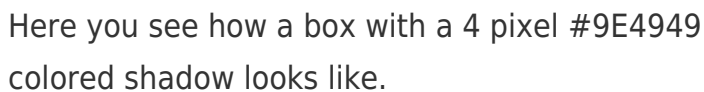
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E4949 }
```

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

```
.border{ border-color:#9E4949 }
```

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



Here you see how a box with a 4 pixel #9E4949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E4949; -webkit-box-shadow:4px 4px  
4px 4px #9E4949; box-shadow:4px 4px 4px  
4px #9E4949 }
```

# Background

The CSS property to change the background color of an element to Hex 9E4949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E4949 }
```

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

```
.background{ background-color:#9E4949 }
```

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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