

# Converting Colors

Hex(9D4850)

Have a look what the booklet for  
Hex(9D4850) contains.

<b>Hex(9D4850)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(9D4850)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D4850
RGB	157, 72, 80
RGB Percent	62%, 28%, 31%
CMY	0.3843, 0.7176, 0.6863
CMYK	0.00, 0.54, 0.49, 0.38
HSL	354°, 37%, 45%
HSV	354°, 54%, 62%
XYZ	17.6700, 12.3820, 9.0481
YIQ	98.3270, 48.0920, 20.5080

# Conversions

## Conversions Part 2

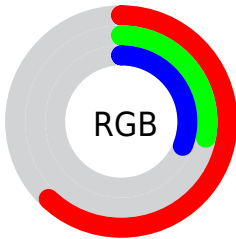
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 72, 80
Decimal	10307664
CIELab	41.82, 36.16, 12.41
CIElCh	42, 38.225, 18.942
Yxy	12.3820, 0.4519, 0.3167
Android (android.graphics.Color)	4288497744 (0xFF9D4850)
YUV	98.3270, -9.0352, 51.4562
Hunter-Lab	35.1881, 28.0559, 9.3862

# Details

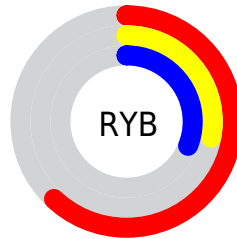
The Hex color **9D4850** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **489D95**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **D77B81**, and **651524** is the 20% darker color. If you saturate the color by 10%, you get **9D3842**, and if you desaturate by 10%, it is **9D585E**.

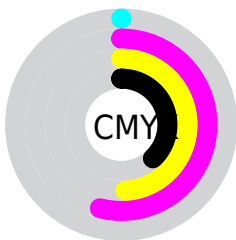
# Distribution



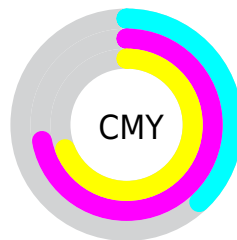
- Red (62%)
- Green (28%)
- Blue (31%)



- Red (62%)
- Yellow (28%)
- Blue (31%)



- Cyan (0%)
- Magenta (54%)
- Yellow (49%)
- Black (38%)



- Cyan (38%)
- Magenta (72%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D4850 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 9D4850 by changing the saturation by 10% instead.



 9D4850

 9D4850

FFFFFF

 812F39

 D77B81

 651524

 F4969B

 4B000F

 FFB1B6

 320001

 FFCDD1

 020000

 FFE9EE

 000000

 9D4850

 9D4850

 9D3842

 9D585E

 9D2934

 9D676C

 9D1925

 9D777B

 9D0917

 9D8789

 9D000F

 9D9797

 9DA6A5

 9DB6B4

 9DC6C2

 9DD5D0

# Harmonies

## Analogous

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



974870



9D4850



945134

# Triad

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



9D4850



3C6E38



0069A0

# Complementary

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



9D4850



489D95

# 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.



007091



9D4850



007256

# Square

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



9D4850



616724



007276



505F9E

# Rectangle

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



9D4850



865927



007276



006C9D



# Sweetspot

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



9D4850



CCABAE



95489D



665354



E6E6E6



666666



# Same Dimension

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



9D4850



CC4754



9D6A48



4F4748



8F000D



0F0001



# Inverse Universe

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



9D4850



CC4754



487B9D



4F4748



8F000D

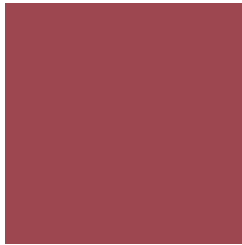


0F0001



# Previews

## White Background



This preview shows how the Hex color 9D4850 looks on a white background.

## Color Contrast Check

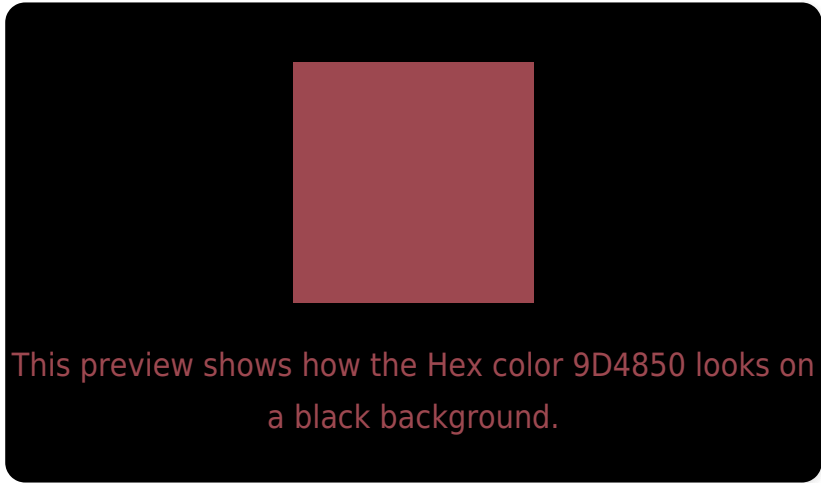
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D4850 Background



This preview shows how black text looks on a background with the Hex color 9D4850.



This preview shows how white text looks on a background with the Hex color 9D4850.

# 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**  
9D4850

**Protanopia**  
66635D

**Deuteranopia**  
755F4C



**Tritanopia**  
9D484D

# Trichromacy



**Original Color**  
9D4850

**Protanomaly**  
7A5958

**Deuteranomaly**  
84574D

**Tritanomaly**  
9D484E

# Monochromacy



**Original Color**  
9D4850

**Achromatopsia**  
626262

**Achromatomaly**  
77595B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D4850 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 #9D4850 looks like.

```
.text, #text, p{  
    color:#9D4850  
}
```

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 #9D4850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D4850  
}
```

## Border

The CSS property to change the border of an element to Hex 9D4850 is called "border". The border property can be set on classes, ids or directly on the HTML element.

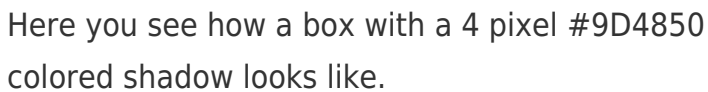
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9D4850 }
```

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

```
.border{ border-color:#9D4850 }
```

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



Here you see how a box with a 4 pixel #9D4850 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D4850; -webkit-box-shadow:4px 4px  
4px 4px #9D4850; box-shadow:4px 4px 4px  
4px #9D4850 }
```

# Background

The CSS property to change the background color of an element to Hex 9D4850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D4850 }
```

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

```
.background{ background-color:#9D4850 }
```

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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