

Converting Colors

Hex(9E4665)

Have a look what the booklet for
Hex(9E4665) contains.

| | |
|--|----|
| Hex(9E4665) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(9E4665)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 9E4665 |
| RGB | 158, 70, 101 |
| RGB Percent | 62%, 27%, 40% |
| CMY | 0.3804, 0.7255, 0.6039 |
| CMYK | 0.00, 0.56, 0.36, 0.38 |
| HSL | 339°, 39%, 45% |
| HSV | 339°, 56%, 62% |
| XYZ | 18.6397, 12.5890, 13.7594 |
| YIQ | 99.8460, 42.4970, 28.2970 |

Conversions

Conversions Part 2

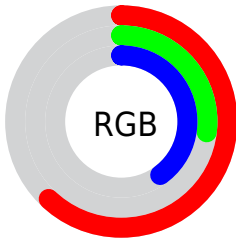
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 158, 70, 101 |
| Decimal | 10372709 |
| CIE _{Lab} | 42.14, 39.90, -0.13 |
| CIE _{LCh} | 42, 39.902, 359.818 |
| Yxy | 12.5890, 0.4143, 0.2798 |
| Android (android.graphics.Color) | 4288562789 (0xFF9E4665) |
| YUV | 99.8460, 0.5689, 51.0011 |
| Hunter-Lab | 35.4810, 31.6819, 1.8442 |

Details

The Hex color **9E4665** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **469E7F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **D77A98**, and **671136** is the 20% darker color. If you saturate the color by 10%, you get **9E365B**, and if you desaturate by 10%, it is **9E566F**.

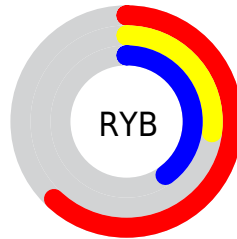
Distribution



Red (62%)

Green (27%)

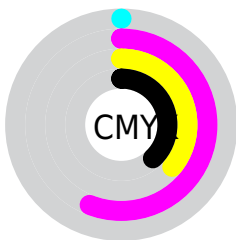
Blue (40%)



Red (62%)

Yellow (27%)

Blue (40%)

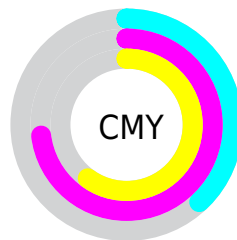


Cyan (0%)

Magenta (56%)

Yellow (36%)

Black (38%)



Cyan (38%)

Magenta (73%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E4665 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 9E4665 by changing the saturation by 10% instead.

■ 9E4665

■ 9E4665

FFFFFF

■ 822D4D

■ D77A98

■ 671136

■ F594B2

■ 4D0021

■ FF80CE

■ 35000A

■ FFCCEA

■ 0F0000

■ FFE8FF

■ 000000

■ 9E4665

■ 9E4665

■ 9E365B

■ 9E566F

■ 9E2651

■ 9E6679

 9E1746

 9E7584

 9E073C

 9E858E

 9E0038

 9E9598

 9EA5A2

 9EB5AD

 9EC4B7

 9ED4C1

Harmonies

Analogous

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



8B4E85



9E4665



9E4A45

Triad

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



9E4665



556B27



006F9C

Complementary

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



9E4665



469E7F

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.



007383



9E4665



277141

Square

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



9E4665



76621D



007362



1467A5

Rectangle

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



9E4665



965132



007362



007195

Sweetspot

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



9E4665



CFABB8



7E469E



69545B



E8E8E8



696969

Same Dimension

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



9E4665



CF4475



9E5246



4F474A



8F0032



0F0005

Inverse Universe

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



9E4665



CF4475



46929E



4F474A



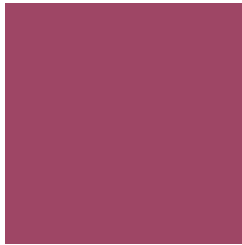
8F0032



0F0005

Previews

White Background



This preview shows how the Hex color 9E4665 looks on a white background.

Color Contrast Check

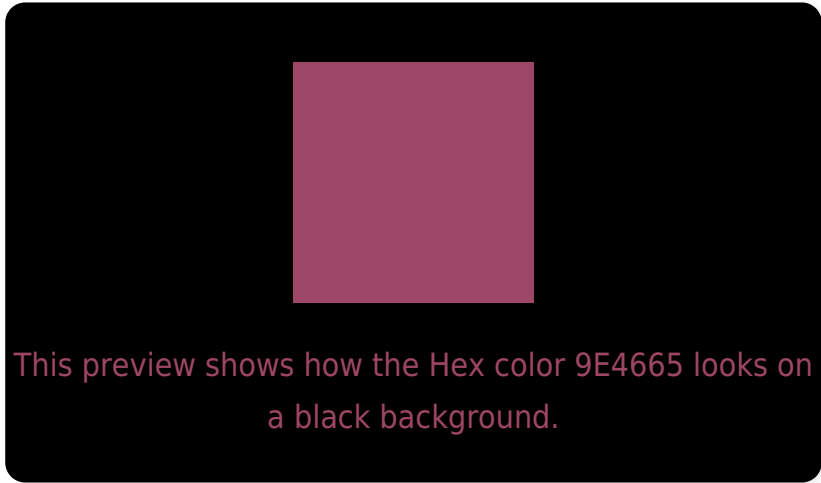
Large Text (above 18pt) WCAG AA ✓ Pass

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

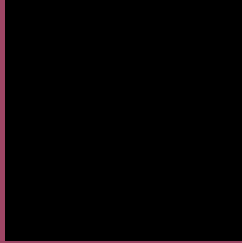
Any Text WCAG AA × Fail

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 9E4665 Background



This preview shows how black text looks on a background with the Hex color 9E4665.



This preview shows how white text looks on a background with the Hex color 9E4665.

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
9E4665

Protanopia
606377

Deuteranopia
6F6161



Tritanopia
9C4A4F

Trichromacy



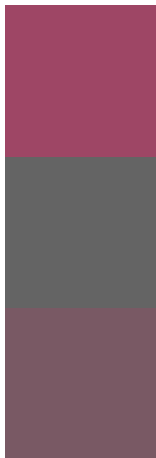
Original Color
9E4665

Protanomaly
775870

Deuteranomaly
805762

Tritanomaly
9D4957

Monochromacy



Original Color
9E4665

Achromatopsia
646464

Achromatomaly
795964

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E4665 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 #9E4665 looks like.

```
.text, #text, p{  
    color:#9E4665  
}
```

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 #9E4665 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E4665 }
}
```

Border

The CSS property to change the border of an element to Hex 9E4665 is called "border". The border property can be set on classes, ids or directly on the HTML element.

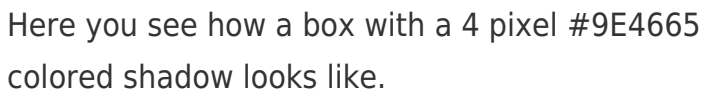
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #9E4665 }
}
```

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

```
.border{ border-color:#9E4665 }
```

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



Here you see how a box with a 4 pixel #9E4665 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E4665; -webkit-box-shadow:4px 4px  
4px 4px #9E4665; box-shadow:4px 4px 4px  
4px #9E4665 }
```

Background

The CSS property to change the background color of an element to Hex 9E4665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E4665 }
```

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

```
.background{ background-color:#9E4665 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor