

# Converting Colors

Hex(9E5472)

Have a look what the booklet for  
Hex(9E5472) contains.

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**Color**

**Hex(9E5472)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E5472
RGB	158, 84, 114
RGB Percent	62%, 33%, 45%
CMY	0.3804, 0.6706, 0.5529
CMYK	0.00, 0.47, 0.28, 0.38
HSL	336°, 31%, 47%
HSV	336°, 47%, 62%
XYZ	20.3081, 14.8247, 17.7107
YIQ	109.5460, 34.4740, 25.0180

# Conversions

## Conversions Part 2

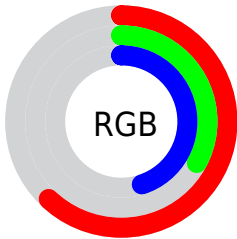
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">158, 84, 114</a>
Decimal	<a href="#">10376306</a>
CIELab	<a href="#">45.39, 34.29, -3.32</a>
CIElCh	<a href="#">45, 34.450, 354.462</a>
Yxy	<a href="#">14.8247, 0.3843, 0.2805</a>
Android (android.graphics.Color)	<a href="#">4288566386 (0xFF9E5472)</a>
YUV	<a href="#">109.5460, 2.1958, 42.4942</a>
Hunter-Lab	<a href="#">38.5028, 26.7692, -0.3205</a>

# Details

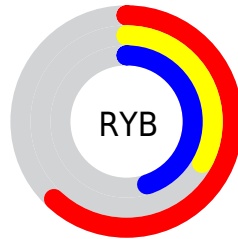
The Hex color **9E5472** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **549E80**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **D687A6**, and **682342** is the 20% darker color. If you saturate the color by 10%, you get **9E4469**, and if you desaturate by 10%, it is **9E647B**.

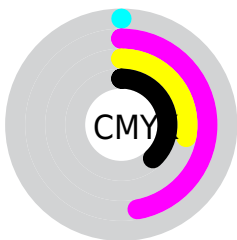
# Distribution



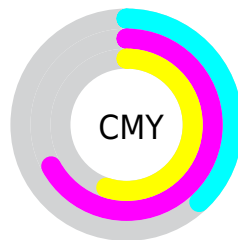
- Red (62%)
- Green (33%)
- Blue (45%)



- Red (62%)
- Yellow (33%)
- Blue (45%)



- Cyan (0%)
- Magenta (47%)
- Yellow (28%)
- Black (38%)



- Cyan (38%)
- Magenta (67%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E5472 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 9E5472 by changing the saturation by 10% instead.



 9E5472

 9E5472

FFFFFF

 833B5A

 D687A6

 682342

 F4A2C1

 4E082C

 FFBEDD

 360018

 FFDAF9

 1C0001

 FFF7FF

 000000

 9E5472

 9E5472

 9E4469

 9E647B

 9E345F

 9E7485

 9E2556

 9E838E

 9E154C

 9E9398

 9E0543

 9EA3A1

 9E0040

 9EB3AA

 9EC3B4

 9ED2BD

 9EE2C7

# Harmonies

## Analogous

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



8A5B8D



9E5472



A25555

# Triad

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



9E5472



657135



00779A

# Complementary

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



9E5472



549E80

# 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.



007A82



9E5472



437749

# Square

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



9E5472



816831



007A65



2C70A4

# Rectangle

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



9E5472



9C5A44



007A65



007893



# Sweetspot

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



9E5472



CFB2BD



7F549E



69575E



E8E8E8



696969



# Same Dimension

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



9E5472



CF5B8A



9E5A54



4F474A



8F003A



0F0006



# Inverse Universe

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



9E5472



CF5B8A



54989E



4F474A



8F003A

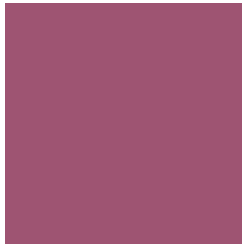


0F0006



# Previews

## White Background



This preview shows how the Hex color 9E5472 looks on a white background.

## Color Contrast Check

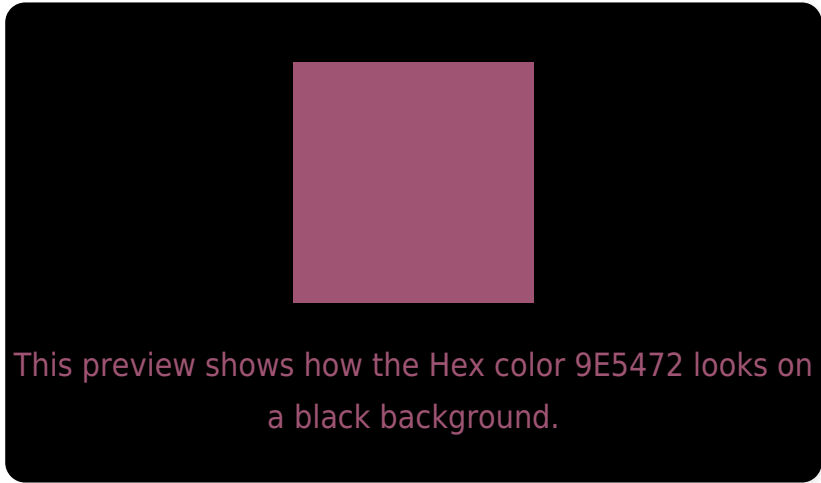
Large Text (above 18pt) WCAG AA ✓ Pass

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

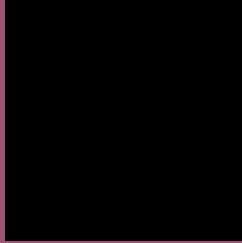
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E5472 Background



This preview shows how black text looks on a background with the Hex color 9E5472.

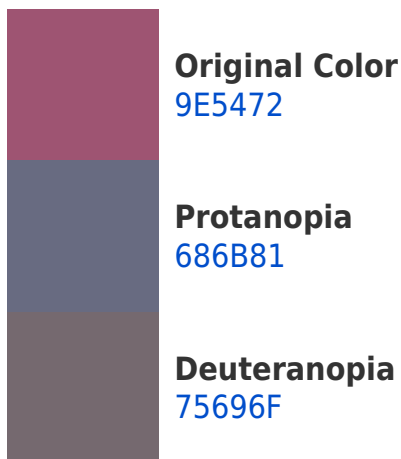



This preview shows how white text looks on a background with the Hex color 9E5472.

# 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**  
9C585E

# Trichromacy



**Original Color**  
9E5472

**Protanomaly**  
7C637C

**Deuteranomaly**  
846170

**Tritanomaly**  
9D5765

# Monochromacy



**Original Color**  
9E5472

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
7F656F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E5472 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 #9E5472 looks like.

```
.text, #text, p{  
    color:#9E5472  
}
```

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 #9E5472 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E5472
}
```

## Border

The CSS property to change the border of an element to Hex 9E5472 is called "border". The border property can be set on classes, ids or directly on the HTML element.

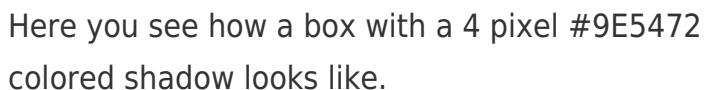
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E5472 }
```

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

```
.border{ border-color:#9E5472 }
```

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



Here you see how a box with a 4 pixel #9E5472 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E5472; -webkit-box-shadow:4px 4px  
4px 4px #9E5472; box-shadow:4px 4px 4px  
4px #9E5472 }
```

# Background

The CSS property to change the background color of an element to Hex 9E5472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E5472 }
```

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

```
.background{ background-color:#9E5472 }
```

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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