

Converting Colors

Hex(9E9575)

Have a look what the booklet for
Hex(9E9575) contains.

Hex(9E9575)	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(9E9575)

Conversions

Conversions Part 1

Format	Color
Hex	9E9575
RGB	158, 149, 117
RGB Percent	62%, 58%, 46%
CMY	0.3804, 0.4157, 0.5412
CMYK	0.00, 0.06, 0.26, 0.38
HSL	47°, 17%, 54%
HSV	47°, 26%, 62%
XYZ	28.0589, 30.0483, 21.1507
YIQ	148.0430, 15.6360, -8.0440

Conversions

Conversions Part 2

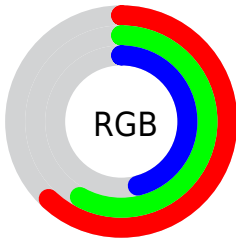
Format	Color
RYB	129, 158, 117
Decimal	10392949
CIELab	61.70, -1.97, 18.13
CIELCh	62, 18.236, 96.203
Yxy	30.0483, 0.3540, 0.3791
Android (android.graphics.Color)	4288583029 (0xFF9E9575)
YUV	148.0430, -15.3042, 8.7323
Hunter-Lab	54.8164, -4.5598, 15.4947

Details

The Hex color **9E9575** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **757E9E**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **D5CBA9**, and **6A6245** is the 20% darker color. If you saturate the color by 10%, you get **9E9265**, and if you desaturate by 10%, it is **9E9885**.

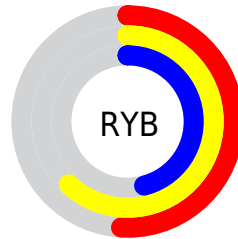
Distribution



Red (62%)

Green (58%)

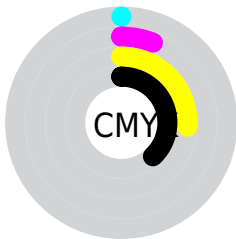
Blue (46%)



Red (51%)

Yellow (62%)

Blue (46%)

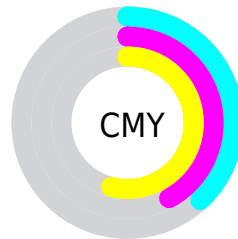


Cyan (0%)

Magenta (6%)

Yellow (26%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E9575 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 9E9575 by changing the saturation by 10% instead.



9E9575



9E9575

FFFFFF



847B5C



D5CBA9



6A6245



F2E7C5



514B2E



FFFFE1



3A3419

FFFFFFD



251F00



040700



000000



9E9575



9E9575



9E9265



9E9885

 9E8E55

 9E9C95

 9E8B46

 9E9FA4

 9E8736

 9EA3B4

 9E8426

 9EA6C4

 9E8016

 9EAAD4

 9E7D06

 9EADE4

 9E7B00

 9EB1F3

 9EB4FF

Harmonies

Analogous

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



AD9078



9E9575



8C9A7B

Triad

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



9E9575



699DA7



AD8BA2

Complementary

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



9E9575



757E9E

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.



9C90AF



9E9575



739AB2

Square

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



9E9575



6C9E98



8795B5



B68A92

Rectangle

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



9E9575



809C83



8795B5



A88DA7

Sweetspot

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



9E9575



CFCBBE



9E757F



69665E



E8E8E8



696969

Same Dimension

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



9E9575



CFC08F



939E75



4F4D47



8F6F00



0F0C00

Inverse Universe

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



757E9E



8F9DCF



80759E



47494F



001F8F



00030F

Previews

White Background



This preview shows how the Hex color 9E9575 looks on a white background.

Color Contrast Check

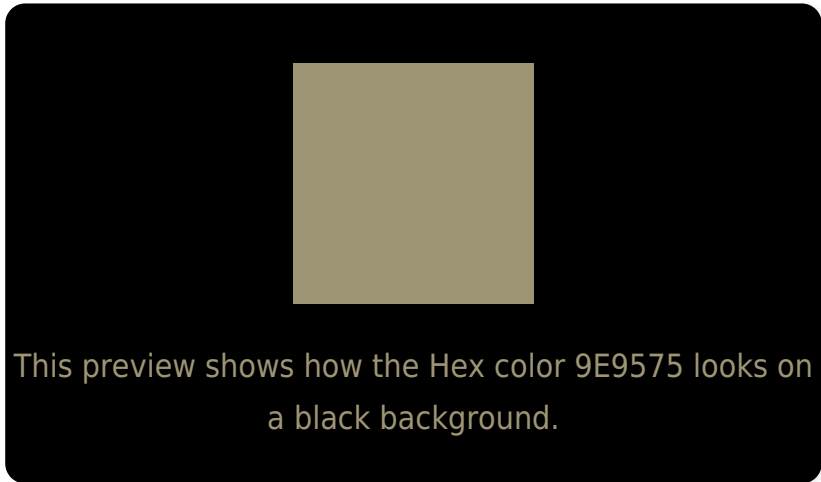
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

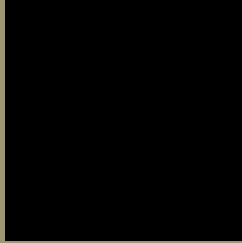
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

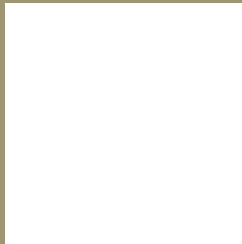
Any Text WCAG AAA ✓ Pass

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

Hex 9E9575 Background



This preview shows how black text looks on a background with the Hex color 9E9575.



This preview shows how white text looks on a background with the Hex color 9E9575.

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
9E9575

Protanopia
9F9575

Deuteranopia
AE8F76



Tritanopia
A3909B

Trichromacy



Original Color
9E9575

Protanomaly
9F9575

Deuteranomaly
A89176

Tritanomaly
A1928D

Monochromacy



Original Color
9E9575

Achromatopsia
949494

Achromatomaly
989489

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E9575 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 #9E9575 looks like.

```
.text, #text, p{  
    color:#9E9575  
}
```

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 #9E9575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9575
}
```

Border

The CSS property to change the border of an element to Hex 9E9575 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
#9E9575 }
```

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

```
.border{ border-color:#9E9575 }
```

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

Here you see how a box with a 4 pixel #9E9575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9575; -webkit-box-shadow:4px 4px  
4px 4px #9E9575; box-shadow:4px 4px 4px  
4px #9E9575 }
```

Background

The CSS property to change the background color of an element to Hex 9E9575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9575 }
```

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

```
.background{ background-color:#9E9575 }
```

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