

Converting Colors

Hex(9E9795)

Have a look what the booklet for
Hex(9E9795) contains.

Hex(9E9795)	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(9E9795)

Conversions

Conversions Part 1

Format	Color
Hex	9E9795
RGB	158, 151, 149
RGB Percent	62%, 59%, 58%
CMY	0.3804, 0.4078, 0.4157
CMYK	0.00, 0.04, 0.06, 0.38
HSL	13°, 4%, 60%
HSV	13°, 6%, 62%
XYZ	30.5920, 31.5722, 32.9155
YIQ	152.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

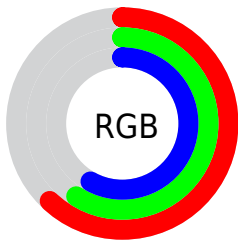
Format	Color
R_{YB}	158, 152, 149
Decimal	10393493
CIE _{Lab}	62.99, 2.19, 1.96
CIE _{LCh}	63, 2.939, 41.762
Yxy	31.5722, 0.3218, 0.3321
Android (android.graphics.Color)	4288583573 (0xFF9E9795)
YUV	152.8650, -1.9054, 4.6034
Hunter-Lab	56.1892, -1.1475, 4.6005

Details

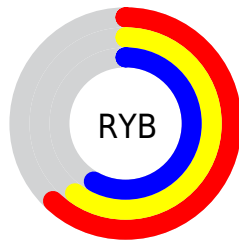
The Hex color **9E9795** is a light color, and the websafe version is hex **999999**. A complement of this color would be **959C9E**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **D5CDCB**, and **6B6462** is the 20% darker color. If you saturate the color by 10%, you get **9E8B85**, and if you desaturate by 10%, it is **9EA3A5**.

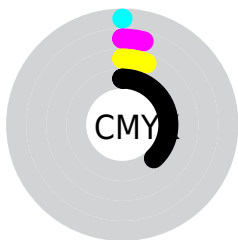
Distribution



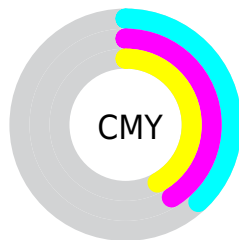
- Red (62%)
- Green (59%)
- Blue (58%)



- Red (62%)
- Yellow (60%)
- Blue (58%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (38%)



- Cyan (38%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E9795 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 9E9795 by changing the saturation by 10% instead.



9E9795



9E9795

FFFFFF



847D7B



D5CDCB



6B6462



F1E9E7



524C4B



3B3634



26201F



110906



000000



9E9795



9E9795



9E8B85



9EA3A5

 9E7E75

 9EB0B5

 9E7266

 9EBCC4

 9E6656

 9EC8D4

 9E5A46

 9ED4E4

 9E4D36

 9EE1F4

 9E4126

 9EEDFF

 9E3517

 9EF9FF

 9E2807

 9EFFFF

Harmonies

Analogous

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



9E9797



9E9795



9C9893

Triad

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



9E9795



949A97



97989D

Complementary

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



9E9795



959C9E

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.



94999D



9E9795



929A99

Square

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



9E9795



969994



929A9C



9A979C

Rectangle

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



9E9795



9B9893



929A9C



96999E

Sweetspot

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



9E9795



CFCBCA



9E959C



696766



E8E8E8



696969

Same Dimension

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



9E9795



CFC3C0



9E9B95



4F4A49



8F2000



0F0300

Inverse Universe

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



959C9E



C0CBCF



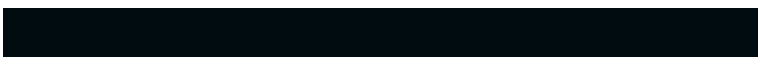
95989E



494E4F



006F8F



000C0F

Previews

White Background



This preview shows how the Hex color 9E9795 looks on a white background.

Color Contrast Check

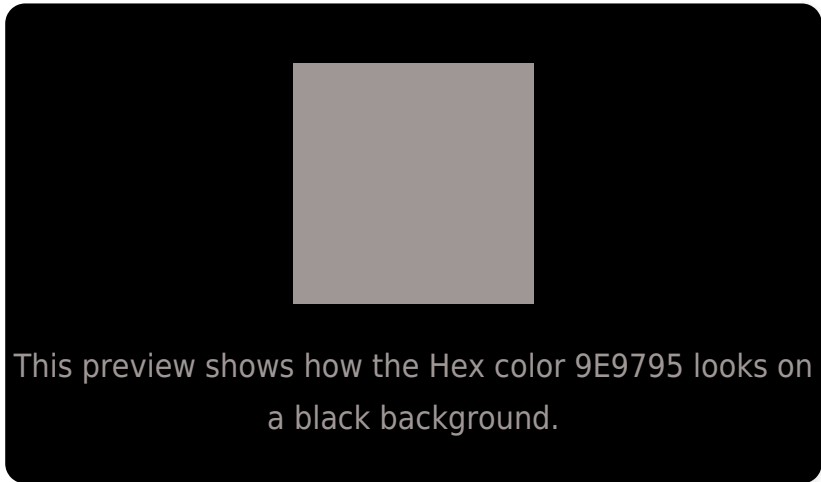
Large Text (above 18pt) WCAG AA × Fail

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

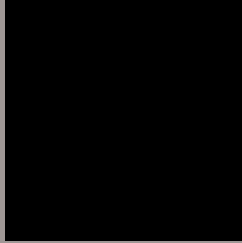
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

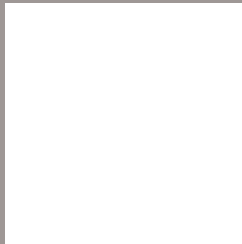
Any Text WCAG AAA ✓ Pass

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

Hex 9E9795 Background



This preview shows how black text looks on a background with the Hex color 9E9795.

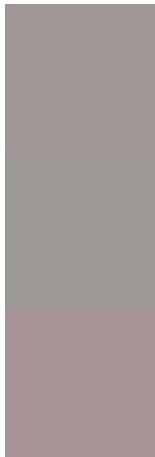


This preview shows how white text looks on a background with the Hex color 9E9795.

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
9E9795

Protanopia
9C9895

Deuteranopia
A89396



Tritanopia
A095A1

Trichromacy



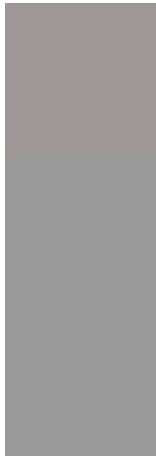
Original Color
9E9795

Protanomaly
9D9895

Deuteranomaly
A49496

Tritanomaly
9F969D

Monochromacy



Original Color
9E9795

Achromatopsia
999999

Achromatomaly
9B9898

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E9795 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 #9E9795 looks like.

```
.text, #text, p{  
    color:#9E9795  
}
```

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 #9E9795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9795
}
```

Border

The CSS property to change the border of an element to Hex 9E9795 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
#9E9795 }
```

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

```
.border{ border-color:#9E9795 }
```

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

Here you see how a box with a 4 pixel #9E9795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9795; -webkit-box-shadow:4px 4px  
4px 4px #9E9795; box-shadow:4px 4px 4px  
4px #9E9795 }
```

Background

The CSS property to change the background color of an element to Hex 9E9795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9795 }
```

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

```
.background{ background-color:#9E9795 }
```

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