

# Converting Colors

Hex(9A9997)

Have a look what the booklet for  
Hex(9A9997) contains.

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# **Color**

**Hex(9A9997)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9A9997
RGB	154, 153, 151
RGB Percent	60%, 60%, 59%
CMY	0.3961, 0.4000, 0.4078
CMYK	0.00, 0.01, 0.02, 0.40
HSL	40°, 1%, 60%
HSV	40°, 2%, 60%
XYZ	30.3036, 31.8869, 33.8358
YIQ	153.0710, 1.2380, -0.4100

# Conversions

## Conversions Part 2

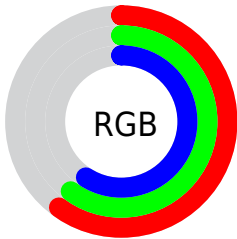
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">153, 154, 151</a>
Decimal	<a href="#">10131863</a>
CIELab	<a href="#">63.25, -0.01, 1.17</a>
CIELCh	<a href="#">63, 1.169, 90.723</a>
Yxy	<a href="#">31.8869, 0.3156, 0.3321</a>
Android (android.graphics.Color)	<a href="#">4288321943</a> (0xFF9A9997)
YUV	<a href="#">153.0710, -1.0210, 0.8147</a>
Hunter-Lab	<a href="#">56.4684, -3.0285, 4.0015</a>

# Details

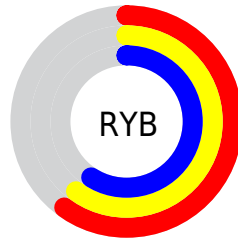
The Hex color **9A9997** is a light color, and the websafe version is hex **999999**. A complement of this color would be **97989A**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **D0CFCD**, and **676664** is the 20% darker color. If you saturate the color by 10%, you get **9A9488**, and if you desaturate by 10%, it is **9A9EA6**.

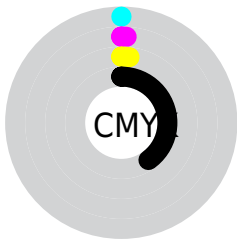
# Distribution



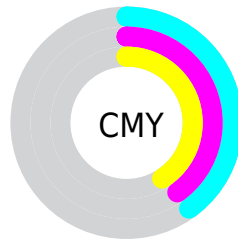
- Red (60%)
- Green (60%)
- Blue (59%)



- Red (60%)
- Yellow (60%)
- Blue (59%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (40%)



- Cyan (40%)
- Magenta (40%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A9997 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 9A9997 by changing the saturation by 10% instead.





9A9997



9A9997

FFFFFF



807F7D



D0CFCD



676664



EDECE9



4F4E4C



383736



232220



0D0C09



000000



9A9997



9A9997



9A9488



9A9EA6

 9A8F78

 9AA3B6

 9A8A69

 9AA8C5

 9A8459

 9AAED5

 9A7F4A

 9AB3E4

 9A7A3B

 9AB8F3

 9A752B

 9ABDFE

 9A701C

 9AC2FF

 9A6B0C

 9AC7FF

# Harmonies

## Analogous

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



9B9997



9A9997



999997

# Triad

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



9A9997



979A9A



9B999A

# Complementary

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



9A9997



97989A

# 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.



99999B



9A9997



97999B

# Square

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



9A9997



979A99



98999B



9B9899

# Rectangle

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



9A9997



989A98



98999B



9A999A



# Sweetspot

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



9A9997



C9C9C7



9A9798



666665



E6E6E6



666666



# Same Dimension

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



9A9997



C9C8C5



9A9A97



4D4C4B



8C5E00



0D0900



# Inverse Universe

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



97989A



C5C7C9



98979A



4B4B4D



002F8C



00040D



# Previews

## White Background



This preview shows how the Hex color 9A9997 looks on a white background.

## Color Contrast Check

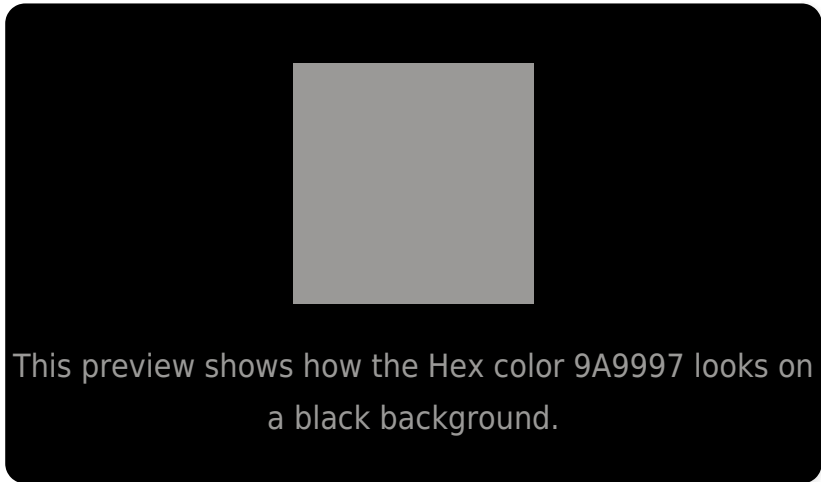
Large Text (above 18pt) WCAG AA × Fail

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

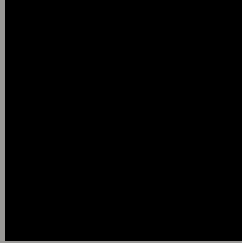
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

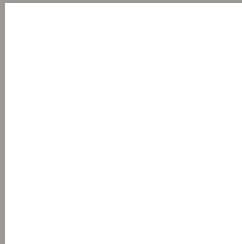
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9A9997 Background



This preview shows how black text looks on a background with the Hex color 9A9997.



This preview shows how white text looks on a background with the Hex color 9A9997.

# 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**  
9A9997

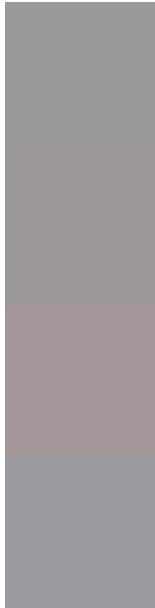
**Protanopia**  
9C9897

**Deuteranopia**  
A89498



**Tritanopia**  
9C97A3

# Trichromacy



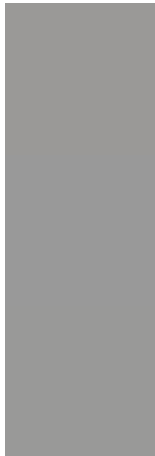
**Original Color**  
9A9997

**Protanomaly**  
9B9897

**Deuteranomaly**  
A39698

**Tritanomaly**  
9B989F

# Monochromacy



**Original Color**  
9A9997

**Achromatopsia**  
999999

**Achromatomaly**  
999998

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A9997 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 #9A9997 looks like.

```
.text, #text, p{  
    color:#9A9997  
}
```

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 #9A9997 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A9997
}
```

## Border

The CSS property to change the border of an element to Hex 9A9997 is called "border". The border property can be set on classes, ids or directly on the HTML element.

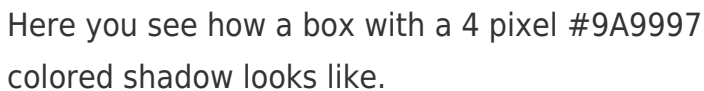
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A9997 }
```

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

```
.border{ border-color:#9A9997 }
```

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



Here you see how a box with a 4 pixel #9A9997 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A9997; -webkit-box-shadow:4px 4px  
4px 4px #9A9997; box-shadow:4px 4px 4px  
4px #9A9997 }
```

# Background

The CSS property to change the background color of an element to Hex 9A9997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A9997 }
```

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

```
.background{ background-color:#9A9997 }
```

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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