

# Converting Colors

Hex(9A9A9D)

Have a look what the booklet for  
Hex(9A9A9D) contains.

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# **Color**

**Hex(9A9A9D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A9A9D
RGB	154, 154, 157
RGB Percent	60%, 60%, 62%
CMY	0.3961, 0.3961, 0.3843
CMYK	0.02, 0.02, 0.00, 0.38
HSL	240°, 2%, 61%
HSV	240°, 2%, 62%
XYZ	30.9678, 32.4155, 36.5229
YIQ	154.3420, -0.9630, 0.9330

# Conversions

## Conversions Part 2

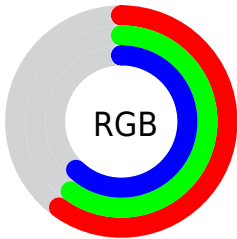
Format	Color
<a href="#">RYB</a>	<a href="#">154, 154, 157</a>
Decimal	<a href="#">10132125</a>
CIELab	<a href="#">63.68, 0.59, -1.58</a>
CIELCh	<a href="#">64, 1.680, 290.390</a>
Yxy	<a href="#">32.4155, 0.3100, 0.3245</a>
Android (android.graphics.Color)	<a href="#">4288322205 (0xFF9A9A9D)</a>
YUV	<a href="#">154.3420, 1.3104, -0.2999</a>
Hunter-Lab	<a href="#">56.9347, -2.5461, 1.8204</a>

# Details

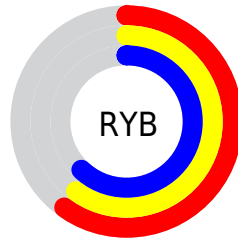
The Hex color **9A9A9D** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9D9D9A**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D0D0D4**, and **67676A** is the 20% darker color. If you saturate the color by 10%, you get **8A8A9D**, and if you desaturate by 10%, it is **AAAA9D**.

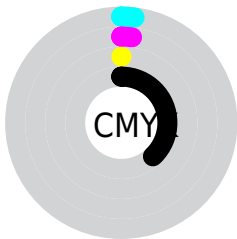
# Distribution



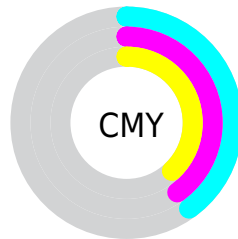
- Red (60%)
- Green (60%)
- Blue (62%)



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



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (38%)



- Cyan (40%)
- Magenta (40%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A9A9D 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 9A9A9D by changing the saturation by 10% instead.





9A9A9D



9A9A9D

FFFFFF



808083



D0D0D4



67676A



EDEDFO



4F4F52



38383B



232325



0D0D10



000000



9A9A9D



9A9A9D



8A8A9D



AAAA9D

7B7B9D

B9B99D

6B6B9D

C9C99D

5B5B9D

D9D99D

4B4B9D

E8E89D

3C3C9D

F8F89D

2C2C9D

FFFF9D

1C1C9D

0D0D9D

# Harmonies

## Analogous

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



989A9D



9A9A9D



9C9A9C

# Triad

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



9A9A9D



9D9A98



979B9A

# Complementary

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



9A9A9D



9D9D9A

# 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.



999B98



9A9A9D



9C9A97

# Square

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



9A9A9D



9E9999



9A9A97



979B9B

# Rectangle

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



9A9A9D



9D999B



9A9A97



989B99



# Sweetspot

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



9A9A9D



CACACC



9A9D9D



656566



E6E6E6



666666

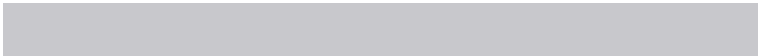


# Same Dimension

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



9A9A9D



C8C8CC



9B9A9D



4D4D4F



00008F



00000F



# Inverse Universe

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



9D9A9D



CCC8CC



9B9D9A



4F4D4F



8F008F



0F000F



# Previews

## White Background



This preview shows how the Hex color 9A9A9D looks on a white background.

## Color Contrast Check

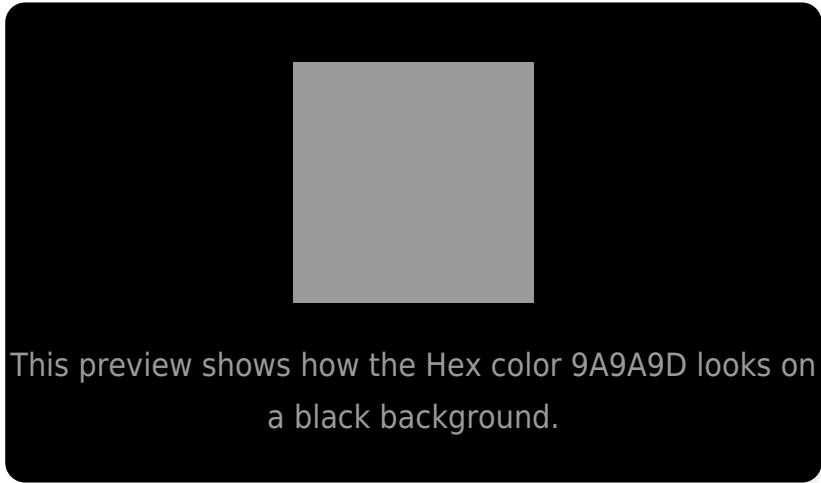
Large Text (above 18pt) WCAG AA × Fail

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

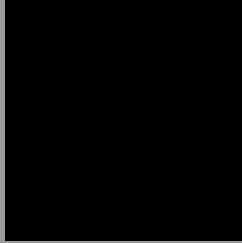
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

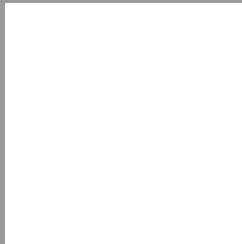
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9A9A9D Background



This preview shows how black text looks on a background with the Hex color 9A9A9D.



This preview shows how white text looks on a background with the Hex color 9A9A9D.

# 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**  
9A9A9D

**Protanopia**  
9C999D

**Deuteranopia**  
A7959E



**Tritanopia**  
9B99A5

# Trichromacy



**Original Color**

9A9A9D

**Protanomaly**

9B999D

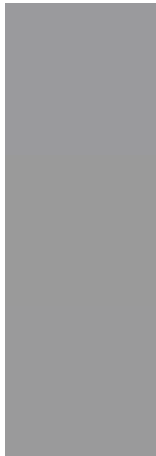
**Deuteranomaly**

A2979E

**Tritanomaly**

9B99A2

# Monochromacy



**Original Color**

9A9A9D

**Achromatopsia**

9A9A9A

**Achromatomaly**

9A9A9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A9A9D 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 #9A9A9D looks like.

```
.text, #text, p{  
    color:#9A9A9D  
}
```

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 #9A9A9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A9A9D
}
```

## Border

The CSS property to change the border of an element to Hex 9A9A9D 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
#9A9A9D }
```

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

```
.border{ border-color:#9A9A9D }
```

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

Here you see how a box with a 4 pixel #9A9A9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A9A9D; -webkit-box-shadow:4px 4px  
4px 4px #9A9A9D; box-shadow:4px 4px 4px  
4px #9A9A9D }
```

# Background

The CSS property to change the background color of an element to Hex 9A9A9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A9A9D }
```

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

```
.background{ background-color:#9A9A9D }
```

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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