

# Converting Colors

Hex(9D9899)

Have a look what the booklet for  
Hex(9D9899) contains.

<b>Hex(9D9899)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9D9899)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D9899
RGB	157, 152, 153
RGB Percent	62%, 60%, 60%
CMY	0.3843, 0.4039, 0.4000
CMYK	0.00, 0.03, 0.03, 0.38
HSL	348°, 2%, 61%
HSV	348°, 3%, 62%
XYZ	30.8826, 31.9245, 34.6713
YIQ	153.6090, 2.6590, 1.3710

# Conversions

## Conversions Part 2

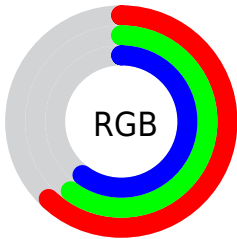
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">157, 152, 153</a>
Decimal	<a href="#">10328217</a>
CIELab	<a href="#">63.28, 2.01, 0.12</a>
CIElCh	<a href="#">63, 2.016, 3.319</a>
Yxy	<a href="#">31.9245, 0.3168, 0.3275</a>
Android (android.graphics.Color)	<a href="#">4288518297</a> (0xFF9D9899)
YUV	<a href="#">153.6090, -0.3002, 2.9739</a>
Hunter-Lab	<a href="#">56.5018, -1.3138, 3.1689</a>

# Details

The Hex color **9D9899** is a light color, and the websafe version is hex **999999**. A complement of this color would be **989D9C**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D4CECF**, and **6A6566** is the 20% darker color. If you saturate the color by 10%, you get **9D888C**, and if you desaturate by 10%, it is **9DA8A6**.

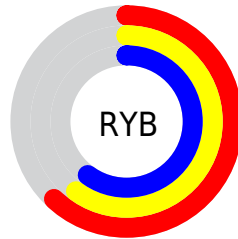
# Distribution



Red (62%)

Green (60%)

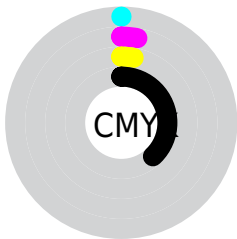
Blue (60%)



Red (62%)

Yellow (60%)

Blue (60%)

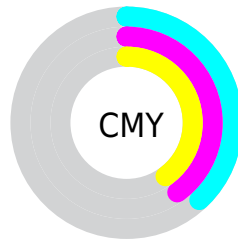


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (38%)



Cyan (38%)

Magenta (40%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D9899 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 9D9899 by changing the saturation by 10% instead.



 9D9899

 9D9899

FFFFFF

 837E7F

 D4CECF

 6A6566

 F0EAEB

 524D4E

 3B3637

 252122

 100A0C

 000000

 9D9899

 9D9899

 9D888C

 9DA8A6

 9D7980

 9DB7B2

 9D6973

 9DC7BF

 9D5967

 9DD7CB

 9D4A5A

 9DE7D8

 9D3A4E

 9DF6E4

 9D2A41

 9DFFF1

 9D1A35

 9DFFFD

 9D0B28

 9DFFFF

# Harmonies

## Analogous

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



9C989B



9D9899



9D9897

# Triad

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



9D9899



989A96



969A9C

# Complementary

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



9D9899



989D9C

# 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.



959A9B



9D9899



969A97

# Square

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



9D9899



9B9996



959A99



98999D

# Rectangle

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



9D9899



9D9896



959A99



959A9C



# Sweetspot

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



9D9899



CCCACA



9C989D



666565



E6E6E6



666666



# Same Dimension

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



9D9899



CCC4C5



9D9A98



4F4B4C



8F001D



0F0003



# Inverse Universe

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



9D9899



CCC4C5



989C9D



4F4B4C



8F001D



0F0003



# Previews

## White Background



This preview shows how the Hex color 9D9899 looks on a white background.

## Color Contrast Check

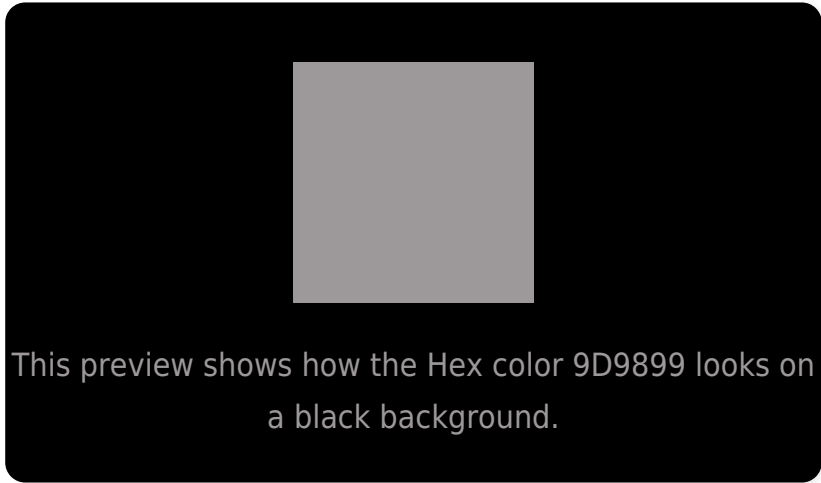
Large Text (above 18pt) WCAG AA × Fail

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

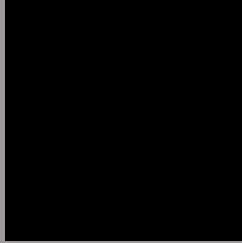
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

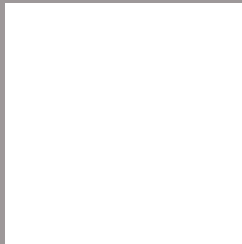
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9D9899 Background



This preview shows how black text looks on a background with the Hex color 9D9899.



This preview shows how white text looks on a background with the Hex color 9D9899.

# 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**  
9D9899

**Protanopia**  
9C9899

**Deuteranopia**  
A8949A



**Tritanopia**  
9E97A2

# Trichromacy



**Original Color**

9D9899

**Protanomaly**

9C9899

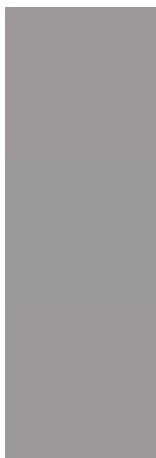
**Deuteranomaly**

A4959A

**Tritanomaly**

9E979F

# Monochromacy



**Original Color**

9D9899

**Achromatopsia**

9A9A9A

**Achromatomaly**

9B999A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D9899 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 #9D9899 looks like.

```
.text, #text, p{  
    color:#9D9899  
}
```

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 #9D9899 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D9899
}
```

## Border

The CSS property to change the border of an element to Hex 9D9899 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
#9D9899 }
```

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

```
.border{ border-color:#9D9899 }
```

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

Here you see how a box with a 4 pixel #9D9899 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D9899; -webkit-box-shadow:4px 4px  
4px 4px #9D9899; box-shadow:4px 4px 4px  
4px #9D9899 }
```

# Background

The CSS property to change the background color of an element to Hex 9D9899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D9899 }
```

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

```
.background{ background-color:#9D9899 }
```

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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