

# Converting Colors

Hex(9D9581)

Have a look what the booklet for  
Hex(9D9581) contains.

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# **Color**

**Hex(9D9581)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D9581
RGB	157, 149, 129
RGB Percent	62%, 58%, 51%
CMY	0.3843, 0.4157, 0.4941
CMYK	0.00, 0.05, 0.18, 0.38
HSL	43°, 13%, 56%
HSV	43°, 18%, 62%
XYZ	28.6145, 30.2480, 25.0992
YIQ	149.1120, 11.1880, -4.5240

# Conversions

## Conversions Part 2

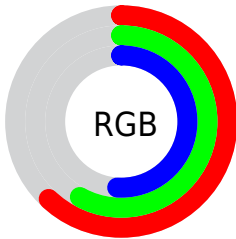
Format	Color
<a href="#">RYB</a>	<a href="#">140, 157, 129</a>
Decimal	<a href="#">10327425</a>
CIELab	<a href="#">61.87, -0.53, 11.62</a>
CIELCh	<a href="#">62, 11.636, 92.597</a>
Yxy	<a href="#">30.2480, 0.3408, 0.3603</a>
Android (android.graphics.Color)	<a href="#">4288517505</a> ( <a href="#">0xFF9D9581</a> )
YUV	<a href="#">149.1120, -9.9152, 6.9178</a>
Hunter-Lab	<a href="#">54.9982, -3.3765, 11.4409</a>

# Details

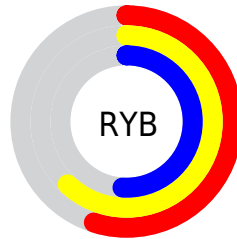
The Hex color **9D9581** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **81899D**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D4CBB6**, and **696250** is the 20% darker color. If you saturate the color by 10%, you get **9D9171**, and if you desaturate by 10%, it is **9D9991**.

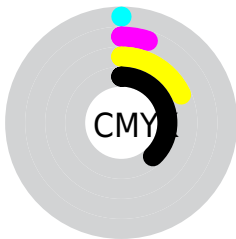
# Distribution



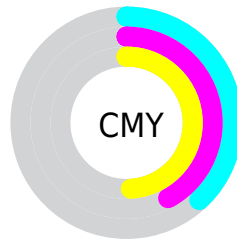
- Red (62%)
- Green (58%)
- Blue (51%)



- Red (55%)
- Yellow (62%)
- Blue (51%)



- Cyan (0%)
- Magenta (5%)
- Yellow (18%)
- Black (38%)



- Cyan (38%)
- Magenta (42%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D9581 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 9D9581 by changing the saturation by 10% instead.





9D9581



9D9581

FFFFFF



837B68



D4CBB6



696250



F0E7D1



514B39



FFFEE



3A3423



241F0E



090700



000000



9D9581



9D9581



9D9171



9D9991

 9D8C62

 9D9EA0

 9D8852

 9DA2B0

 9D8342

 9DA7C0

 9D7F32

 9DABD0

 9D7A23

 9DB0DF

 9D7613

 9DB4EF

 9D7103

 9DB9FF

 9D7000

 9DBDFF

# Harmonies

## Analogous

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



A69284



9D9581



919884

# Triad

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



9D9581



7B9BA0



A4909F

# Complementary

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



9D9581



81899D

# 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.



9993A7



9D9581



8199A7

# Square

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



9D9581



7E9C96



8C96AA



AA8E95

# Rectangle

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



9D9581



8A9A89



8C96AA



A191A2



# Sweetspot

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



9D9581



CCC9C2



9D8189



666460



E6E6E6



666666



# Same Dimension

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



9D9581



CCC0A1



979D81



4F4D47



8F6600



0F0B00



# Inverse Universe

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



81899D



A1ADCC



87819D



47494F



00298F



00040F



# Previews

## White Background



This preview shows how the Hex color 9D9581 looks on a white background.

## Color Contrast Check

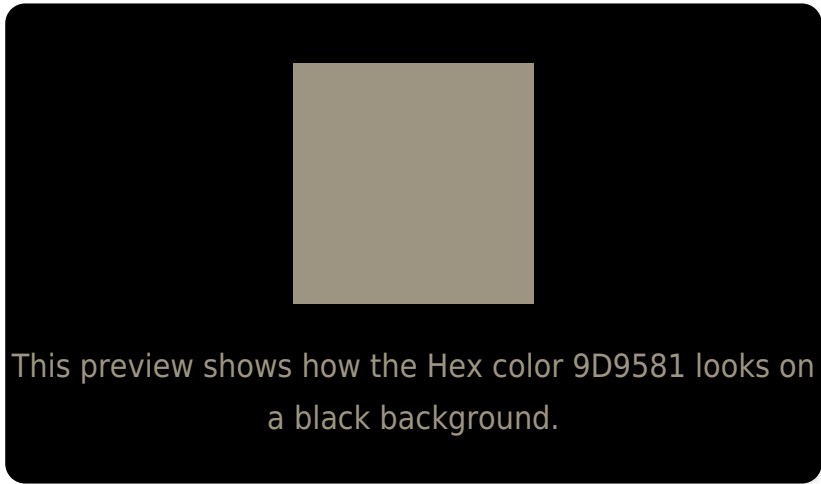
Large Text (above 18pt) WCAG AA × Fail

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

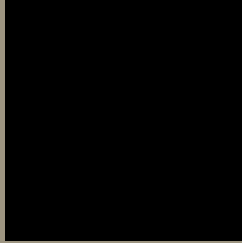
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9D9581 Background



This preview shows how black text looks on a background with the Hex color 9D9581.



This preview shows how white text looks on a background with the Hex color 9D9581.

# 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**  
9D9581

**Protanopia**  
9D9581

**Deuteranopia**  
AB9082



**Tritanopia**  
A1919C

# Trichromacy



**Original Color**  
9D9581

**Protanomaly**  
9D9581

**Deuteranomaly**  
A69282

**Tritanomaly**  
A09292

# Monochromacy



**Original Color**  
9D9581

**Achromatopsia**  
959595

**Achromatomaly**  
98958E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D9581 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 #9D9581 looks like.

```
.text, #text, p{  
    color:#9D9581  
}
```

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 #9D9581 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D9581
}
```

## Border

The CSS property to change the border of an element to Hex 9D9581 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
#9D9581 }
```

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

```
.border{ border-color:#9D9581 }
```

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

Here you see how a box with a 4 pixel #9D9581 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D9581; -webkit-box-shadow:4px 4px  
4px 4px #9D9581; box-shadow:4px 4px 4px  
4px #9D9581 }
```

# Background

The CSS property to change the background color of an element to Hex 9D9581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D9581 }
```

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

```
.background{ background-color:#9D9581 }
```

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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