

Converting Colors

Hex(9D9868)

Have a look what the booklet for
Hex(9D9868) contains.

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Color

Hex(9D9868)

Conversions

Conversions Part 1

Format	Color
Hex	9D9868
RGB	157, 152, 104
RGB Percent	62%, 60%, 41%
CMY	0.3843, 0.4039, 0.5922
CMYK	0.00, 0.03, 0.34, 0.38
HSL	54°, 21%, 51%
HSV	54°, 34%, 62%
XYZ	27.6316, 30.6240, 17.5514
YIQ	148.0230, 18.3880, -13.8680

Conversions

Conversions Part 2

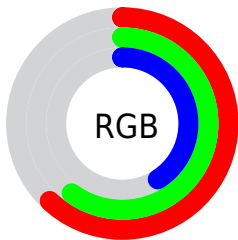
Format	Color
RYB	110, 157, 104
Decimal	10328168
CIELab	62.19, -5.79, 25.96
CIELCh	62, 26.601, 102.582
Yxy	30.6240, 0.3645, 0.4040
Android (android.graphics.Color)	4288518248 (0xFF9D9868)
YUV	148.0230, -21.7033, 7.8728
Hunter-Lab	55.3390, -7.7156, 19.9328

Details

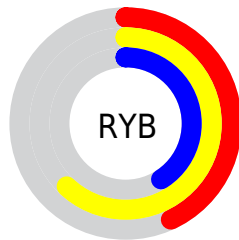
The Hex color **9D9868** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **686D9D**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **D4CE9C**, and **696538** is the 20% darker color. If you saturate the color by 10%, you get **9D9758**, and if you desaturate by 10%, it is **9D9978**.

Distribution



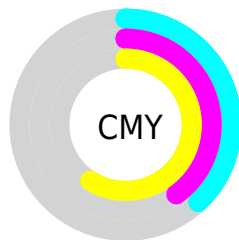
- Red (62%)
- Green (60%)
- Blue (41%)



- Red (43%)
- Yellow (62%)
- Blue (41%)



- Cyan (0%)
- Magenta (3%)
- Yellow (34%)
- Black (38%)



- Cyan (38%)
- Magenta (40%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D9868 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 9D9868 by changing the saturation by 10% instead.



9D9868



9D9868

FFFFFF



827E50



D4CE9C



696538



F1EAB7



504D22



FFFFD2



38370B



FFFFEF



222100



000C00



000000



9D9868



9D9868



9D9758



9D9978

 9D9549

 9D9B87

 9D9439

 9D9C97

 9D9229

 9D9EA7

 9D9119

 9D9FB7

 9D8F0A

 9DA1C6

 9D8E00

 9DA2D6

 9DA4E6

 9DA5F5

Harmonies

Analogous

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



B3906A



9D9868



839E73

Triad

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



9D9868



4EA2B5



BC86A5

Complementary

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



9D9868



686D9D

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.



A68DB9



9D9868



649DC3

Square

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



9D9868



51A3A0



8695C4



C6858D

Rectangle

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



9D9868



70A180



8695C4



B688AC

Sweetspot

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



9D9868



CCCAB8



9D686D



66655A



E6E6E6



666666

Same Dimension

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



9D9868



CCC478



889D68



4F4E47



8F8100



0F0E00

Inverse Universe

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



686D9D



7880CC



7D689D



47484F



000D8F



00010F

Previews

White Background



This preview shows how the Hex color 9D9868 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

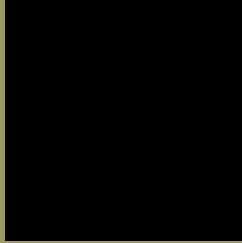
Any Text WCAG AA ✓ Pass

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 9D9868 Background



This preview shows how black text looks on a background with the Hex color 9D9868.



This preview shows how white text looks on a background with the Hex color 9D9868.

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
9D9868

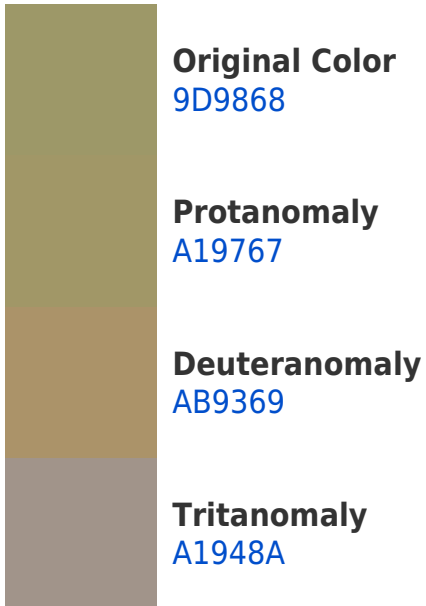
Protanopia
A39667

Deuteranopia
B3906A

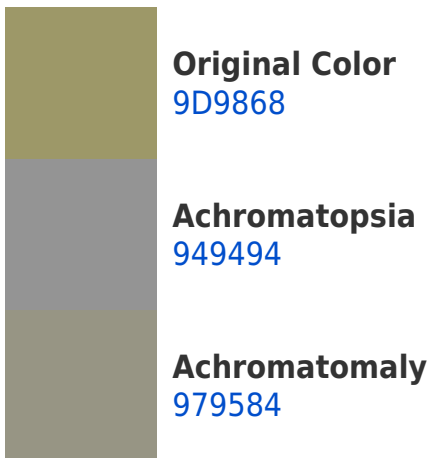


Tritanopia
A3919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D9868 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 #9D9868 looks like.

```
.text, #text, p{  
    color:#9D9868  
}
```

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 #9D9868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D9868
}
```

Border

The CSS property to change the border of an element to Hex 9D9868 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
#9D9868 }
```

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

```
.border{ border-color:#9D9868 }
```

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

Here you see how a box with a 4 pixel #9D9868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D9868; -webkit-box-shadow:4px 4px  
4px 4px #9D9868; box-shadow:4px 4px 4px  
4px #9D9868 }
```

Background

The CSS property to change the background color of an element to Hex 9D9868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D9868 }
```

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

```
.background{ background-color:#9D9868 }
```

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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