

Converting Colors

Hex(9A9963)

Have a look what the booklet for
Hex(9A9963) contains.

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Color

Hex(9A9963)

Conversions

Conversions Part 1

Format	Color
Hex	9A9963
RGB	154, 153, 99
RGB Percent	60%, 60%, 39%
CMY	0.3961, 0.4000, 0.6118
CMYK	0.00, 0.01, 0.36, 0.40
HSL	59°, 22%, 50%
HSV	59°, 36%, 60%
XYZ	26.9698, 30.5533, 16.2803
YIQ	147.1430, 17.9300, -16.5820

Conversions

Conversions Part 2

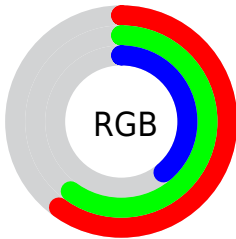
Format	Color
RYB	100, 154, 99
Decimal	10131811
CIELab	62.13, -8.20, 28.55
CIELCh	62, 29.706, 106.025
Yxy	30.5533, 0.3654, 0.4140
Android (android.graphics.Color)	4288321891 (0xFF9A9963)
YUV	147.1430, -23.7345, 6.0136
Hunter-Lab	55.2751, -9.6378, 21.2297

Details

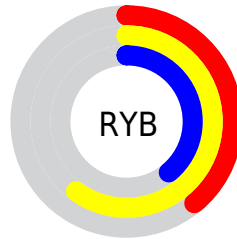
The Hex color **9A9963** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **63649A**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **D1CF96**, and **666633** is the 20% darker color. If you saturate the color by 10%, you get **9A9954**, and if you desaturate by 10%, it is **9A9972**.

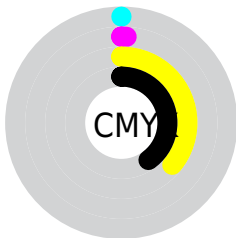
Distribution



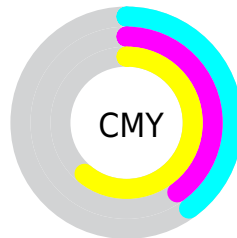
- Red (60%)
- Green (60%)
- Blue (39%)



- Red (39%)
- Yellow (60%)
- Blue (39%)



- Cyan (0%)
- Magenta (1%)
- Yellow (36%)
- Black (40%)



- Cyan (40%)
- Magenta (40%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A9963 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 9A9963 by changing the saturation by 10% instead.



9A9963



9A9963

FFFFFF



807F4B



D1CF96



666633



EEEEBB1



4D4E1D



FFFPCD



353705



FFFPE9



1F2200



000D00



000000



9A9963



9A9963



9A9954



9A9972

 9A9844

 9A9A82

 9A9835

 9A9A91

 9A9825

 9A9AA1

 9A9816

 9A9AB0

 9A9707

 9A9BBF

 9A9700

 9A9BCF

 9A9BDE

 9A9CEE

Harmonies

Analogous

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



B39063



9A9963



7CA071

Triad

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



9A9963



40A2BB



C284A4

Complementary

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



9A9963



63649A

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.



AB8ABB



9A9963



609CC9

Square

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



9A9963



42A5A4



8894C9



CB8389

Rectangle

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



9A9963



67A380



8894C9



BC85AC

Sweetspot

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



9A9963



C9C9B3



9A6365



666659



E6E6E6



666666

Same Dimension

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



9A9963



C9C873



809A63



4D4C45



8C8A00



0D0D00

Inverse Universe

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



63649A



7374C9



7D639A



45454D



00038C



00000D

Previews

White Background



This preview shows how the Hex color 9A9963 looks on a white background.

Color Contrast Check

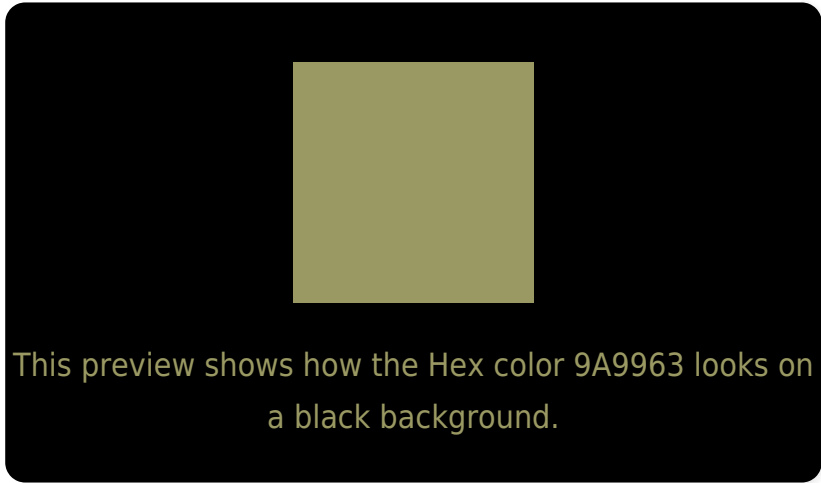
Large Text (above 18pt) WCAG AA × Fail

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

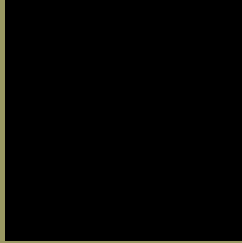
Any Text WCAG AA ✓ Pass

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 9A9963 Background



This preview shows how black text looks on a background with the Hex color 9A9963.

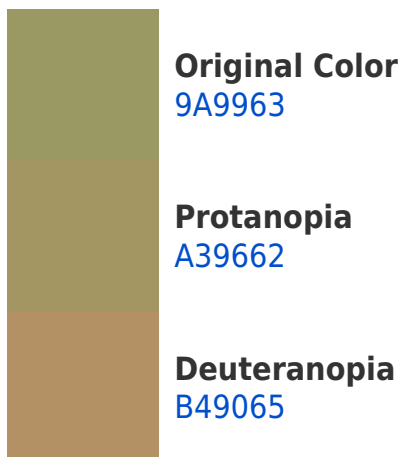



This preview shows how white text looks on a background with the Hex color 9A9963.

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](#).

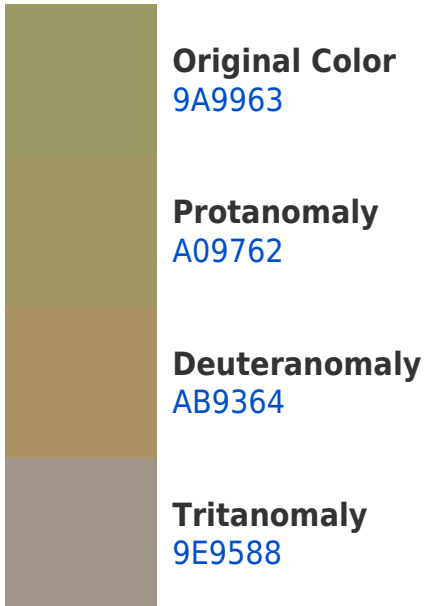
Dichromacy



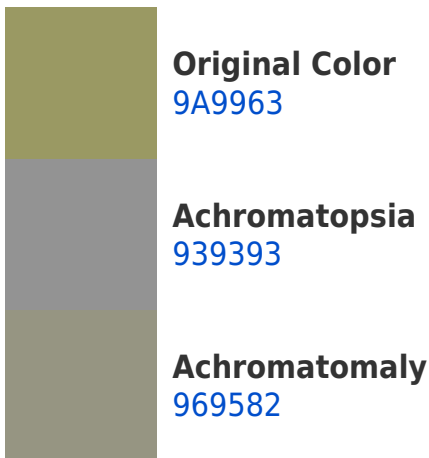


Tritanopia
A1929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A9963 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 #9A9963 looks like.

```
.text, #text, p{  
    color:#9A9963  
}
```

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 #9A9963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A9963
}
```

Border

The CSS property to change the border of an element to Hex 9A9963 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
#9A9963 }
```

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

```
.border{ border-color:#9A9963 }
```

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

Here you see how a box with a 4 pixel #9A9963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A9963; -webkit-box-shadow:4px 4px  
4px 4px #9A9963; box-shadow:4px 4px 4px  
4px #9A9963 }
```

Background

The CSS property to change the background color of an element to Hex 9A9963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A9963 }
```

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

```
.background{ background-color:#9A9963 }
```

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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