

Converting Colors

Hex(9A983E)

Have a look what the booklet for
Hex(9A983E) contains.

Hex(9A983E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9A983E)

Conversions

Conversions Part 1

Format	Color
Hex	9A983E
RGB	154, 152, 62
RGB Percent	60%, 60%, 24%
CMY	0.3961, 0.4039, 0.7569
CMYK	0.00, 0.01, 0.60, 0.40
HSL	59°, 43%, 42%
HSV	59°, 60%, 60%
XYZ	25.4242, 29.6743, 8.9451
YIQ	142.3380, 30.0820, -27.5660

Conversions

Conversions Part 2

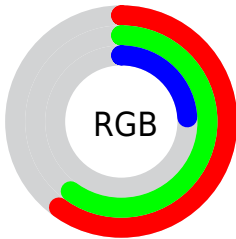
Format	Color
RYB	64, 154, 62
Decimal	10131518
CIELab	61.37, -11.34, 46.46
CIELCh	61, 47.820, 103.718
Yxy	29.6743, 0.3970, 0.4633
Android (android.graphics.Color)	4288321598 (0xFF9A983E)
YUV	142.3380, -39.6066, 10.2276
Hunter-Lab	54.4741, -12.0202, 28.3959

Details

The Hex color **9A983E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3E409A**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **D2CE71**, and **646505** is the 20% darker color. If you saturate the color by 10%, you get **9A982F**, and if you desaturate by 10%, it is **9A984D**.

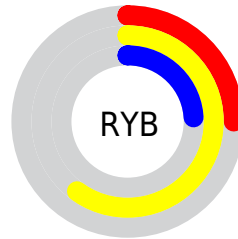
Distribution



Red (60%)

Green (60%)

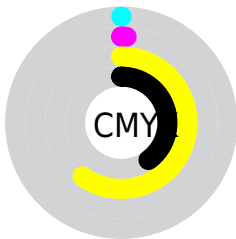
Blue (24%)



Red (25%)

Yellow (60%)

Blue (24%)

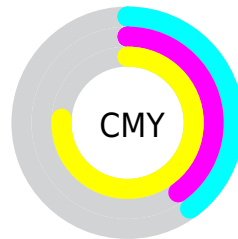


Cyan (0%)

Magenta (1%)

Yellow (60%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A983E 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 9A983E by changing the saturation by 10% instead.



9A983E



9A983E

FFFFFF



7F7E24



D2CE71



646505



F0EA8C



4A4D00



FFFFA7



323700



FFFFC2



192200



FFFFDF



000900

FFFFFC



000000



9A983E



9A983E



9A982F



9A984D

 9A971F

 9A995D

 9A9710

 9A996C

 9A9700

 9A997C

 9A9A8B

 9A9A9A

 9A9AAA

 9A9BB9

 9A9BC9

Harmonies

Analogous

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



C08A41



9A983E



6BA255

Triad

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



9A983E



00A7CE



D673AD

Complementary

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



9A983E



3E409A

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.



B081D2



9A983E



009FE5

Square

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



9A983E



00AAA7



6F92E6



E47082

Rectangle

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



9A983E



41A66D



6F92E6



CC77BA

Sweetspot

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



9A983E



C9C9A5



9A3E41



666650



E6E6E6



666666

Same Dimension

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



9A983E



C9C638



6F9A3E



4D4C45



8C8900



0D0C00

Inverse Universe

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



3E409A



383CC9



693E9A



45454D



00038C



00000D

Previews

White Background



This preview shows how the Hex color 9A983E looks on a white background.

Color Contrast Check

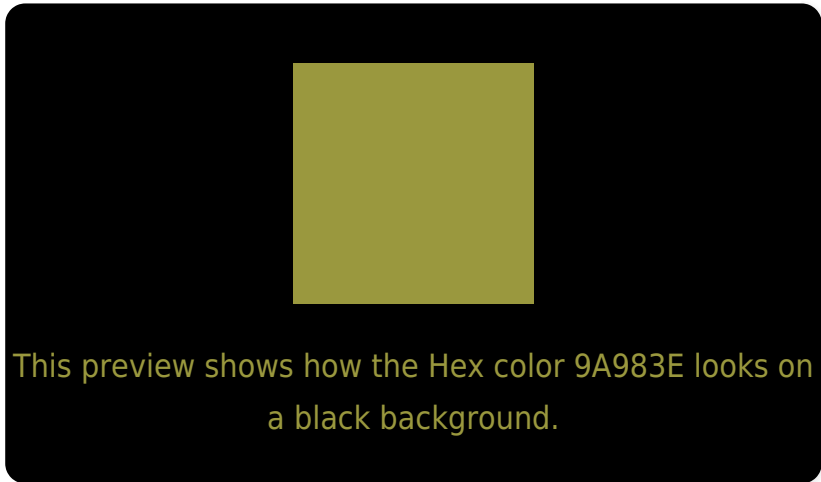
Large Text (above 18pt) WCAG AA ✓ Pass

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

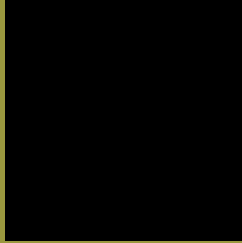
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 9A983E Background



This preview shows how black text looks on a background with the Hex color 9A983E.

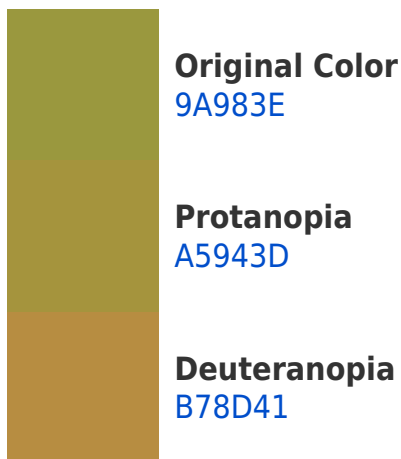


This preview shows how white text looks on a background with the Hex color 9A983E.

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](#).

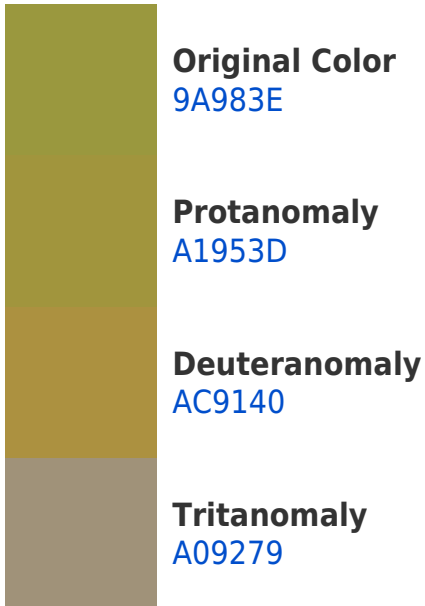
Dichromacy



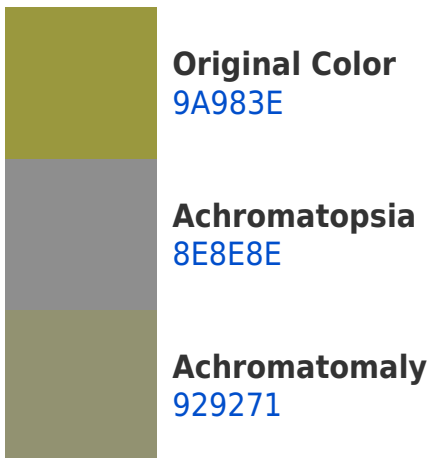


Tritanopia
A38F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A983E 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 #9A983E looks like.

```
.text, #text, p{  
    color:#9A983E  
}
```

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 #9A983E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A983E
}
```

Border

The CSS property to change the border of an element to Hex 9A983E 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
#9A983E }
```

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

```
.border{ border-color:#9A983E }
```

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

Here you see how a box with a 4 pixel #9A983E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A983E; -webkit-box-shadow:4px 4px  
4px 4px #9A983E; box-shadow:4px 4px 4px  
4px #9A983E }
```

Background

The CSS property to change the background color of an element to Hex 9A983E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A983E }
```

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

```
.background{ background-color:#9A983E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor