

Converting Colors

Hex(9A8631)

Have a look what the booklet for
Hex(9A8631) contains.

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Color

Hex(9A8631)

Conversions

Conversions Part 1

Format	Color
Hex	9A8631
RGB	154, 134, 49
RGB Percent	60%, 53%, 19%
CMY	0.3961, 0.4745, 0.8078
CMYK	0.00, 0.13, 0.68, 0.40
HSL	49°, 52%, 40%
HSV	49°, 68%, 60%
XYZ	22.4059, 24.1420, 6.3847
YIQ	130.2900, 39.2050, -22.1950

Conversions

Conversions Part 2

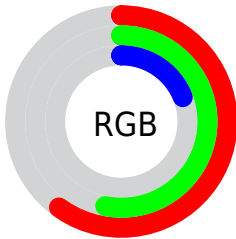
Format	Color
R_{YB}	74, 154, 49
Decimal	10126897
CIE _{Lab}	56.23, -2.46, 46.83
CIE _{LCh}	56, 46.898, 93.011
Yxy	24.1420, 0.4233, 0.4561
Android (android.graphics.Color)	4288316977 (0xFF9A8631)
YUV	130.2900, -40.0760, 20.7937
Hunter-Lab	49.1345, -4.5872, 26.6898

Details

The Hex color **9A8631** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **31459A**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **D3BB64**, and **645500** is the 20% darker color. If you saturate the color by 10%, you get **9A8322**, and if you desaturate by 10%, it is **9A8940**.

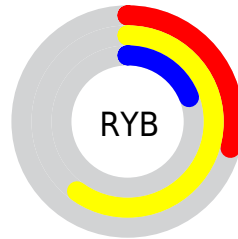
Distribution



Red (60%)

Green (53%)

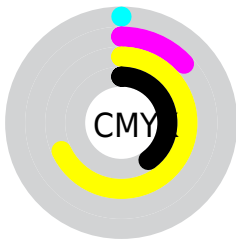
Blue (19%)



Red (29%)

Yellow (60%)

Blue (19%)

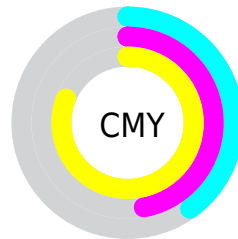


Cyan (0%)

Magenta (13%)

Yellow (68%)

Black (40%)



Cyan (40%)

Magenta (47%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A8631 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 9A8631 by changing the saturation by 10% instead.

 9A8631

 9A8631

FFFFFF

 7E6D16

 D3BB64

 645500

 F0D77E

 4A3E00

 FFF399

 302800

 FFFFB4

 171400

 FFFF00

 000000

 FFFFED

 9A8631

 9A8631

 9A8322

 9A8940

■ 9A8012

■ 9A8C50

■ 9A7D03

■ 9A8F5F

■ 9A7D00

■ 9A926F

■ 9A957E

■ 9A988D

■ 9A9B9D

■ 9A9DAC

■ 9AA0BC

Harmonies

Analogous

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



BB773E



9A8631



70913F

Triad

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



9A8631



009AB2



BC6BAD

Complementary

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



9A8631



31459A

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.



8E7ACB



9A8631



0095CF

Square

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



9A8631



009B8A



3E8AD8



D16384

Rectangle

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



9A8631



4D9654



3E8AD8



B06FB8

Sweetspot

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



9A8631



C9C2A1



9A3146



66614E



E6E6E6



666666

Same Dimension

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



9A8631



C9AA24



7A9A31



4D4B45



8C7200



0D0A00

Inverse Universe

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



31459A



2444C9



50319A



45464D



001B8C



00020D

Previews

White Background



This preview shows how the Hex color 9A8631 looks on a white background.

Color Contrast Check

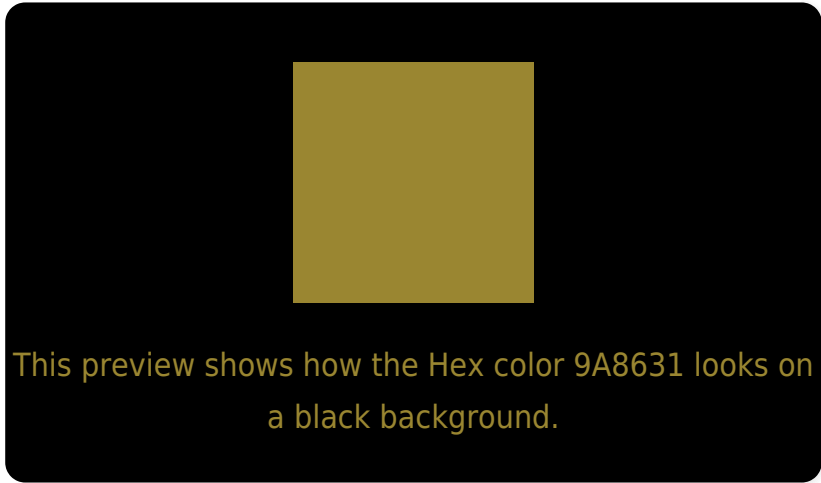
Large Text (above 18pt) WCAG AA ✓ Pass

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

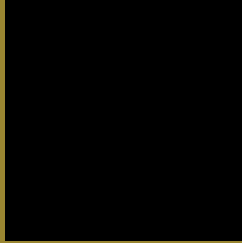
Any Text WCAG AA ✓ Pass

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 9A8631 Background



This preview shows how black text looks on a background with the Hex color 9A8631.



This preview shows how white text looks on a background with the Hex color 9A8631.

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
9A8631

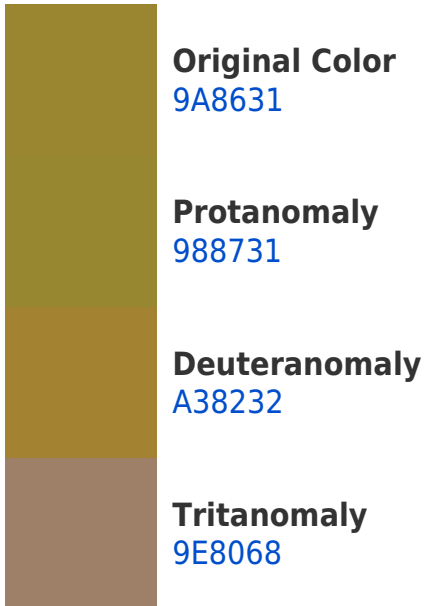
Protanopia
978731

Deuteranopia
A88033

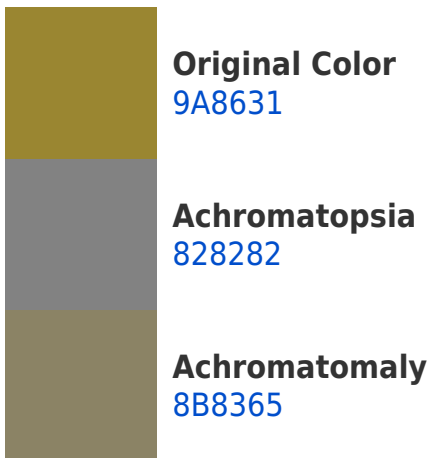


Tritanopia
A17D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A8631 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 #9A8631 looks like.

```
.text, #text, p{  
    color:#9A8631  
}
```

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 #9A8631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A8631
}
```

Border

The CSS property to change the border of an element to Hex 9A8631 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
#9A8631 }
```

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

```
.border{ border-color:#9A8631 }
```

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

Here you see how a box with a 4 pixel #9A8631 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A8631; -webkit-box-shadow:4px 4px  
4px 4px #9A8631; box-shadow:4px 4px 4px  
4px #9A8631 }
```

Background

The CSS property to change the background color of an element to Hex 9A8631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A8631 }
```

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

```
.background{ background-color:#9A8631 }
```

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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