

Converting Colors

Hex(9A8E28)

Have a look what the booklet for
Hex(9A8E28) contains.

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Color

Hex(9A8E28)

Conversions

Conversions Part 1

Format	Color
Hex	9A8E28
RGB	154, 142, 40
RGB Percent	60%, 56%, 16%
CMY	0.3961, 0.4431, 0.8431
CMYK	0.00, 0.08, 0.74, 0.40
HSL	54°, 59%, 38%
HSV	54°, 74%, 60%
XYZ	23.3824, 26.3692, 5.8649
YIQ	133.9600, 39.8940, -29.1780

Conversions

Conversions Part 2

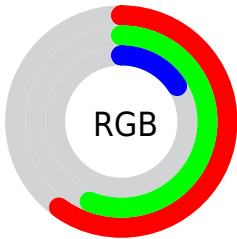
Format	Color
RYB	53, 154, 40
Decimal	10128936
CIELab	58.39, -7.33, 52.72
CIELCh	58, 53.227, 97.919
Yxy	26.3692, 0.4204, 0.4741
Android (android.graphics.Color)	4288319016 (0xFF9A8E28)
YUV	133.9600, -46.3223, 17.5751
Hunter-Lab	51.3510, -8.5851, 29.1741

Details

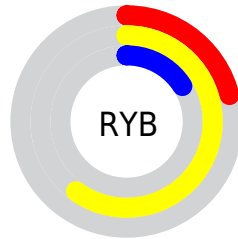
The Hex color **9A8E28** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **28349A**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **D3C35D**, and **635C00** is the 20% darker color. If you saturate the color by 10%, you get **9A8C19**, and if you desaturate by 10%, it is **9A9037**.

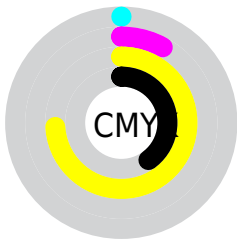
Distribution



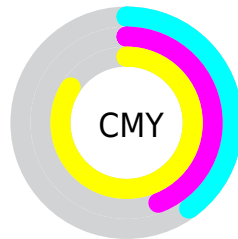
- Red (60%)
- Green (56%)
- Blue (16%)



- Red (21%)
- Yellow (60%)
- Blue (16%)



- Cyan (0%)
- Magenta (8%)
- Yellow (74%)
- Black (40%)



- Cyan (40%)
- Magenta (44%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A8E28 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 9A8E28 by changing the saturation by 10% instead.



9A8E28



9A8E28

FFFFFF



7E7506



D3C35D



635C00



F1DF77



494500



FFFC92



2F2F00



FFFFAD



171A00



FFFFC9



000000



FFFFE6



9A8E28



9A8E28



9A8C19



9A9037

■ 9A8B09

■ 9A9147

■ 9A8A00

■ 9A9356

■ 9A9466

■ 9A9675

■ 9A9884

■ 9A9994

■ 9A9BA3

■ 9A9DB3

Harmonies

Analogous

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



C17D33



9A8E28



689A3E

Triad

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



9A8E28



00A1C5



CF69B0

Complementary

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



9A8E28



28349A

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.



9F7BD6



9A8E28



009BE2

Square

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



9A8E28



00A398



468DE9



E26282

Rectangle

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



9A8E28



3A9F59



468DE9



C26EBF

Sweetspot

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



9A8E28



C9C59D



9A2835



66634B



E6E6E6



666666

Same Dimension

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



9A8E28



C9B716



6E9A28



4D4C45



8C7D00



0D0B00

Inverse Universe

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



28349A



1629C9



54289A



45464D



000F8C



00010D

Previews

White Background



This preview shows how the Hex color 9A8E28 looks on a white background.

Color Contrast Check

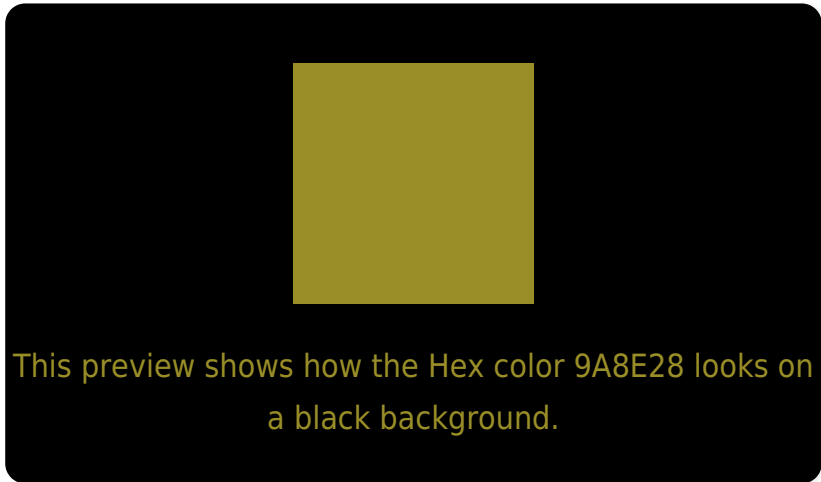
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A8E28 Background



This preview shows how black text looks on a background with the Hex color 9A8E28.



This preview shows how white text looks on a background with the Hex color 9A8E28.

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
9A8E28

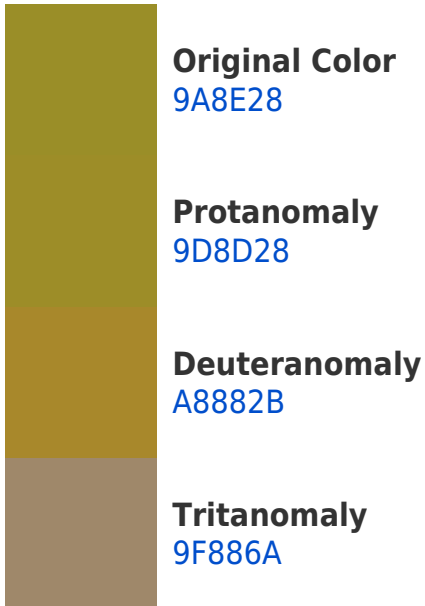
Protanopia
9E8D28

Deuteranopia
B0852C

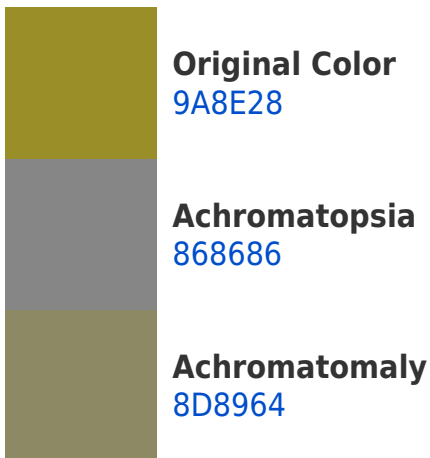


Tritanopia
A2858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A8E28 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 #9A8E28 looks like.

```
.text, #text, p{  
    color:#9A8E28  
}
```

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 #9A8E28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A8E28  
}
```

Border

The CSS property to change the border of an element to Hex 9A8E28 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  
#9A8E28 }
```

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

```
.border{ border-color:#9A8E28 }
```

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

Here you see how a box with a 4 pixel #9A8E28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A8E28; -webkit-box-shadow:4px 4px  
4px 4px #9A8E28; box-shadow:4px 4px 4px  
4px #9A8E28 }
```

Background

The CSS property to change the background color of an element to Hex 9A8E28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A8E28 }
```

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

```
.background{ background-color:#9A8E28 }
```

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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