

Converting Colors

Hex(9A8038)

Have a look what the booklet for
Hex(9A8038) contains.

Hex(9A8038)	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(9A8038)

Conversions

Conversions Part 1

Format	Color
Hex	9A8038
RGB	154, 128, 56
RGB Percent	60%, 50%, 22%
CMY	0.3961, 0.4980, 0.7804
CMYK	0.00, 0.17, 0.64, 0.40
HSL	44°, 47%, 41%
HSV	44°, 64%, 60%
XYZ	21.7594, 22.5939, 6.9556
YIQ	127.5660, 38.6080, -16.8800

Conversions

Conversions Part 2

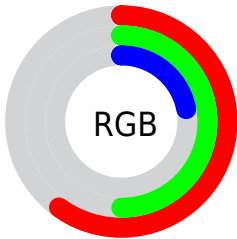
Format	Color
RYB	91, 154, 56
Decimal	10125368
CIELab	54.65, 1.34, 41.86
CIELCh	55, 41.884, 88.167
Yxy	22.5939, 0.4241, 0.4404
Android (android.graphics.Color)	4288315448 (0xFF9A8038)
YUV	127.5660, -35.2820, 23.1826
Hunter-Lab	47.5330, -1.4701, 24.5971

Details

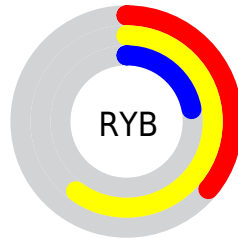
The Hex color **9A8038** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **38529A**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D3B56A**, and **644F03** is the 20% darker color. If you saturate the color by 10%, you get **9A7C29**, and if you desaturate by 10%, it is **9A8447**.

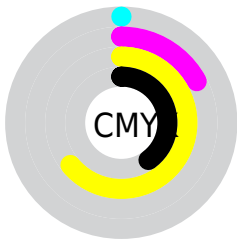
Distribution



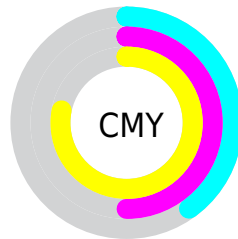
- Red (60%)
- Green (50%)
- Blue (22%)



- Red (36%)
- Yellow (60%)
- Blue (22%)



- Cyan (0%)
- Magenta (17%)
- Yellow (64%)
- Black (40%)



- Cyan (40%)
- Magenta (50%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A8038 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 9A8038 by changing the saturation by 10% instead.

 9A8038

 9A8038

FFFFFF

 7F671F

 D3B56A

 644F03

 F0D084

 4A3800

 FFEC9F

 312300

 FFFFBA

 180F00

 FFFFD6

 000000

 FFFFF3

 9A8038

 9A8038

 9A7C29

 9A8447

■ 9A7819

■ 9A8857

■ 9A740A

■ 9A8C66

■ 9A7100

■ 9A9076

■ 9A9485

■ 9A9994

■ 9A9DA4

■ 9AA1B3

■ 9AA5C3

Harmonies

Analogous

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



B67346



9A8038



768B40

Triad

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



9A8038



0095A4



AD6CA9

Complementary

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



9A8038



38529A

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.



827AC3



9A8038



0090C0

Square

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



9A8038



00957F



3A87CB



C46486

Rectangle

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



9A8038



599051



3A87CB



A171B3

Sweetspot

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



9A8038



C9BFA3



9A3852



66604F



E6E6E6



666666

Same Dimension

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



9A8038



C9A130



839A38



4D4A45



8C6700



0D0900

Inverse Universe

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



38529A



3059C9



4F389A



45474D



00258C



00030D

Previews

White Background



This preview shows how the Hex color 9A8038 looks on a white background.

Color Contrast Check

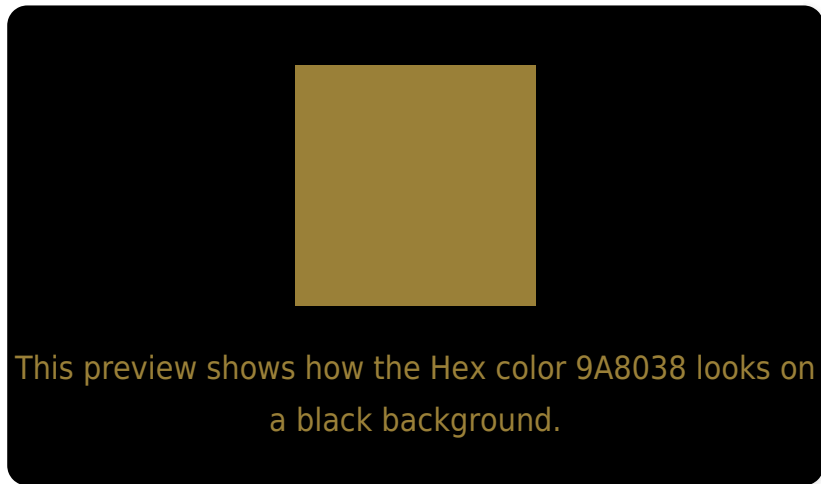
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A8038 Background



This preview shows how black text looks on a background with the Hex color 9A8038.



This preview shows how white text looks on a background with the Hex color 9A8038.

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
9A8038

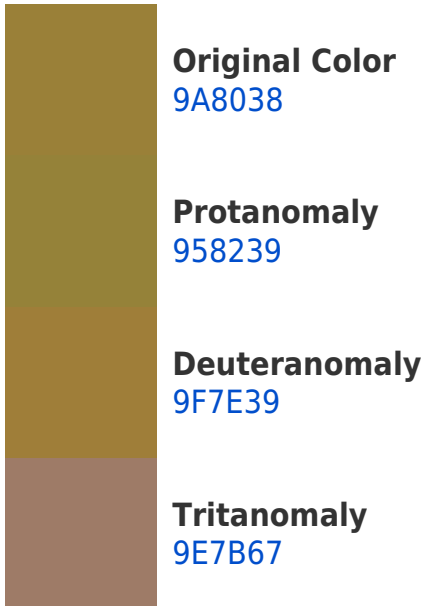
Protanopia
928339

Deuteranopia
A27D39

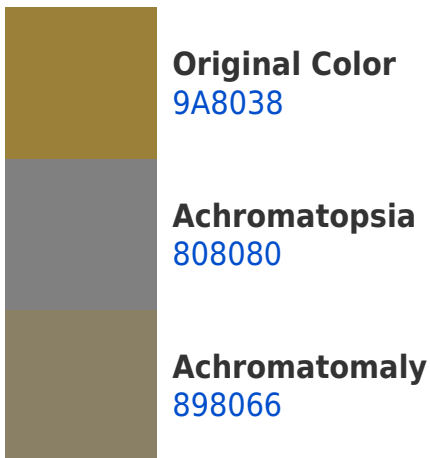


Tritanopia
A07882

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A8038 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 #9A8038 looks like.

```
.text, #text, p{  
    color:#9A8038  
}
```

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 #9A8038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A8038
}
```

Border

The CSS property to change the border of an element to Hex 9A8038 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
#9A8038 }
```

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

```
.border{ border-color:#9A8038 }
```

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

Here you see how a box with a 4 pixel #9A8038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A8038; -webkit-box-shadow:4px 4px  
4px 4px #9A8038; box-shadow:4px 4px 4px  
4px #9A8038 }
```

Background

The CSS property to change the background color of an element to Hex 9A8038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A8038 }
```

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

```
.background{ background-color:#9A8038 }
```

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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