

# Converting Colors

Hex(9A8B26)

Have a look what the booklet for  
Hex(9A8B26) contains.

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**Color**

**Hex(9A8B26)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A8B26
RGB	154, 139, 38
RGB Percent	60%, 55%, 15%
CMY	0.3961, 0.4549, 0.8510
CMYK	0.00, 0.10, 0.75, 0.40
HSL	52°, 60%, 38%
HSV	52°, 75%, 60%
XYZ	22.9089, 25.4752, 5.5435
YIQ	131.9710, 41.3610, -28.2310

# Conversions

## Conversions Part 2

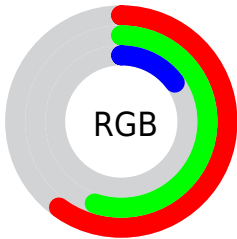
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 154, 38
Decimal	10128166
CIELab	57.54, -5.80, 52.66
CIELCh	58, 52.977, 96.283
Yxy	25.4752, 0.4248, 0.4724
Android (android.graphics.Color)	4288318246 (0xFF9A8B26)
YUV	131.9710, -46.3277, 19.3194
Hunter-Lab	50.4730, -7.3093, 28.8192

# Details

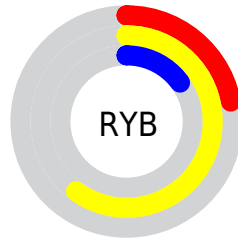
The Hex color **9A8B26** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **26359A**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **D3C05B**, and **635900** is the 20% darker color. If you saturate the color by 10%, you get **9A8917**, and if you desaturate by 10%, it is **9A8D35**.

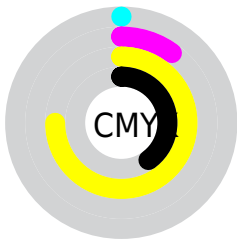
# Distribution



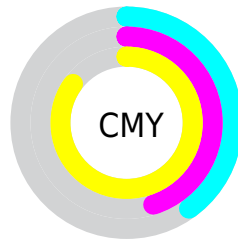
- Red (60%)
- Green (55%)
- Blue (15%)



- Red (22%)
- Yellow (60%)
- Blue (15%)



- Cyan (0%)
- Magenta (10%)
- Yellow (75%)
- Black (40%)



- Cyan (40%)
- Magenta (45%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A8B26 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 9A8B26 by changing the saturation by 10% instead.



 9A8B26

 9A8B26

FFFFFF

 7E7204

 D3C05B

 635900

 F1DC75

 494200

 FFF890

 2F2C00

 FFFFAB

 161800

 FFFFC7

 000000

 FFFF E4

 9A8B26

 9A8B26

 9A8917

 9A8D35

 9A8707

 9A8F45

 9A8600

 9A9154

 9A9364

 9A9573

 9A9782

 9A9992

 9A9BA1

 9A9DB1

# Harmonies

## Analogous

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



C07A33



9A8B26



69973B

# Triad

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



9A8B26



009FC0



CA67B0

# Complementary

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



9A8B26



26359A

# 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.



997AD5



9A8B26



0099DE

# Square

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



9A8B26



00A193



3C8CE6



DE6082

# Rectangle

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



9A8B26



3D9C54



3C8CE6



BD6DBE



# Sweetspot

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



9A8B26



C9C39B



9A2635



666249



E6E6E6



666666



# Same Dimension

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



9A8B26



C9B214



6F9A26



4D4C45



8C7A00



0D0B00



# Inverse Universe

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



26359A



142CC9



51269A



45464D



00128C



00020D



# Previews

## White Background



This preview shows how the Hex color 9A8B26 looks on a white background.

## Color Contrast Check

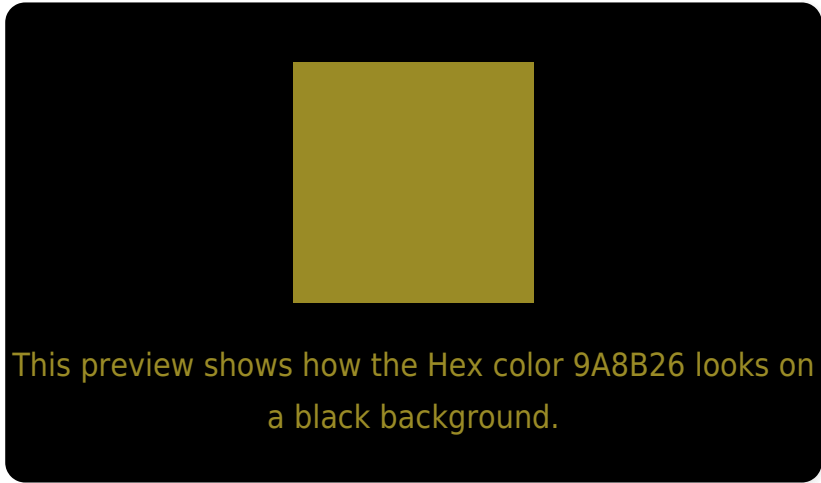
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A8B26 Background



This preview shows how black text looks on a background with the Hex color 9A8B26.



This preview shows how white text looks on a background with the Hex color 9A8B26.

# 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**  
9A8B26

**Protanopia**  
9B8B26

**Deuteranopia**  
AD8329



**Tritanopia**  
A2828C

# Trichromacy



**Original Color**  
9A8B26

**Protanomaly**  
9B8B26

**Deuteranomaly**  
A68628

**Tritanomaly**  
9F8567

# Monochromacy



**Original Color**  
9A8B26

**Achromatopsia**  
848484

**Achromatomaly**  
8C8762

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A8B26 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 #9A8B26 looks like.

```
.text, #text, p{  
    color:#9A8B26  
}
```

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 #9A8B26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A8B26
}
```

## Border

The CSS property to change the border of an element to Hex 9A8B26 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
#9A8B26 }
```

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

```
.border{ border-color:#9A8B26 }
```

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

Here you see how a box with a 4 pixel #9A8B26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A8B26; -webkit-box-shadow:4px 4px  
4px 4px #9A8B26; box-shadow:4px 4px 4px  
4px #9A8B26 }
```

# Background

The CSS property to change the background color of an element to Hex 9A8B26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A8B26 }
```

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

```
.background{ background-color:#9A8B26 }
```

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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