

Converting Colors

Hex(9E8D34)

Have a look what the booklet for
Hex(9E8D34) contains.

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Color

Hex(9E8D34)

Conversions

Conversions Part 1

Format	Color
Hex	9E8D34
RGB	158, 141, 52
RGB Percent	62%, 55%, 20%
CMY	0.3804, 0.4471, 0.7961
CMYK	0.00, 0.11, 0.67, 0.38
HSL	50°, 50%, 41%
HSV	50°, 67%, 62%
XYZ	24.2453, 26.5668, 7.0989
YIQ	135.9370, 38.7010, -24.0750

Conversions

Conversions Part 2

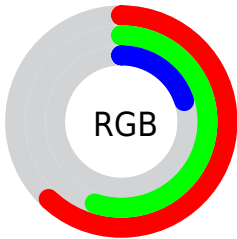
Format	Color
R_{YB}	72, 158, 52
Decimal	10390836
CIE Lab	58.57, -4.33, 48.08
CIE LCh	59, 48.269, 95.141
Yxy	26.5668, 0.4187, 0.4588
Android (android.graphics.Color)	4288580916 (0xFF9E8D34)
YUV	135.9370, -41.3809, 19.3493
Hunter-Lab	51.5430, -6.2357, 27.9143

Details

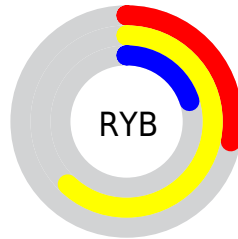
The Hex color **9E8D34** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **34459E**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **D7C267**, and **675B00** is the 20% darker color. If you saturate the color by 10%, you get **9E8A24**, and if you desaturate by 10%, it is **9E9044**.

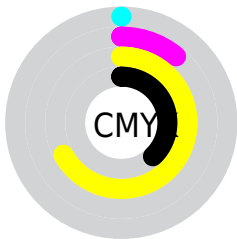
Distribution



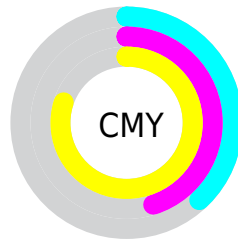
- Red (62%)
- Green (55%)
- Blue (20%)



- Red (28%)
- Yellow (62%)
- Blue (20%)



- Cyan (0%)
- Magenta (11%)
- Yellow (67%)
- Black (38%)



- Cyan (38%)
- Magenta (45%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E8D34 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 9E8D34 by changing the saturation by 10% instead.

 9E8D34

 9E8D34

FFFFFF

 827419

 D7C267

 675B00

 F5DE81

 4E4400

 FFFB9C

 342E00

 FFFF88

 1B1A00

 FFFFD4

 000000

 FFFFF1

 9E8D34

 9E8D34

 9E8A24

 9E9044

 9E8814

 9E9254

 9E8505

 9E9563

 9E8500

 9E9773

 9E9A83

 9E9C93

 9E9FA3

 9EA1B2

 9EA4C2

Harmonies

Analogous

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



C17E3F



9E8D34



729844

Triad

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



9E8D34



00A1BC



C76FB1

Complementary

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



9E8D34



34459E

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.



997FD2



9E8D34



009BD9

Square

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



9E8D34



00A293



4A8FE1



DA6887

Rectangle

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



9E8D34



4D9D5B



4A8FE1



BA74BE

Sweetspot

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



9E8D34



CFC8A5



9E3446



69654F



E8E8E8



696969

Same Dimension

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



9E8D34



CFB427



7B9E34



4F4E47



8F7800



0F0D00

Inverse Universe

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



34459E



2742CF



57349E



47484F



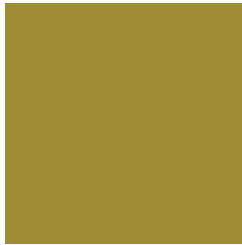
00178F



00020F

Previews

White Background



This preview shows how the Hex color 9E8D34 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 9E8D34 Background



This preview shows how black text looks on a background with the Hex color 9E8D34.



This preview shows how white text looks on a background with the Hex color 9E8D34.

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
9E8D34

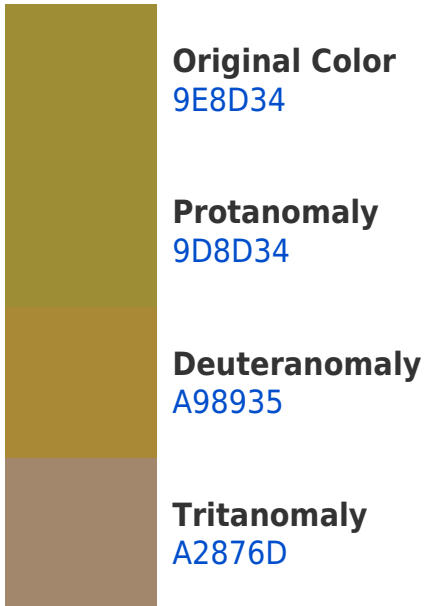
Protanopia
9D8D34

Deuteranopia
B08636

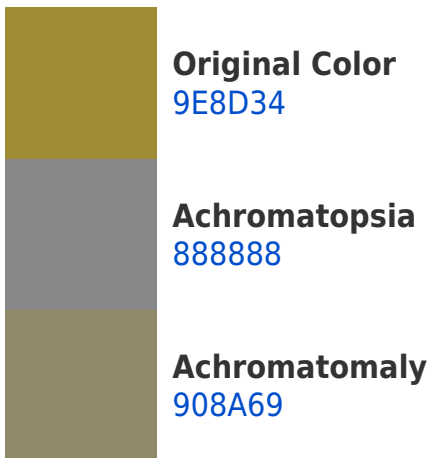


Tritanopia
A5848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E8D34 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 #9E8D34 looks like.

```
.text, #text, p{  
    color:#9E8D34  
}
```

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 #9E8D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E8D34
}
```

Border

The CSS property to change the border of an element to Hex 9E8D34 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
#9E8D34 }
```

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

```
.border{ border-color:#9E8D34 }
```

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

Here you see how a box with a 4 pixel #9E8D34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E8D34; -webkit-box-shadow:4px 4px  
4px 4px #9E8D34; box-shadow:4px 4px 4px  
4px #9E8D34 }
```

Background

The CSS property to change the background color of an element to Hex 9E8D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E8D34 }
```

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

```
.background{ background-color:#9E8D34 }
```

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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