

Converting Colors

Hex(9D8B3E)

Have a look what the booklet for
Hex(9D8B3E) contains.

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Color

Hex(9D8B3E)

Conversions

Conversions Part 1

Format	Color
Hex	9D8B3E
RGB	157, 139, 62
RGB Percent	62%, 55%, 24%
CMY	0.3843, 0.4549, 0.7569
CMYK	0.00, 0.11, 0.61, 0.38
HSL	49°, 43%, 43%
HSV	49°, 61%, 62%
XYZ	24.0067, 25.9811, 8.3070
YIQ	135.6040, 35.4450, -20.1310

Conversions

Conversions Part 2

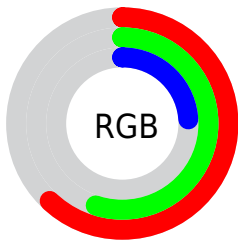
Format	Color
R_{YB}	84, 157, 62
Decimal	10324798
CIE _{Lab}	58.02, -2.99, 42.79
CIE _{LCh}	58, 42.898, 93.995
Yxy	25.9811, 0.4118, 0.4457
Android (android.graphics.Color)	4288514878 (0xFF9D8B3E)
YUV	135.6040, -36.2868, 18.7643
Hunter-Lab	50.9717, -5.1302, 26.0175

Details

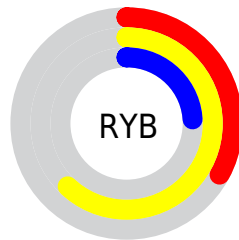
The Hex color **9D8B3E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3E509D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **D6C070**, and **67590A** is the 20% darker color. If you saturate the color by 10%, you get **9D882E**, and if you desaturate by 10%, it is **9D8E4E**.

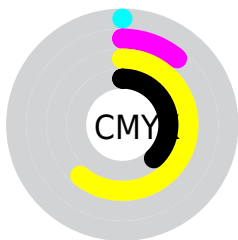
Distribution



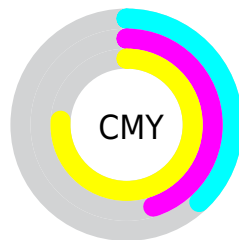
- Red (62%)
- Green (55%)
- Blue (24%)



- Red (33%)
- Yellow (62%)
- Blue (24%)



- Cyan (0%)
- Magenta (11%)
- Yellow (61%)
- Black (38%)



- Cyan (38%)
- Magenta (45%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D8B3E 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 9D8B3E by changing the saturation by 10% instead.

 9D8B3E

 9D8B3E

FFFFFF

 827225

 D6C070

 67590A

 F3DC8B

 4D4200

 FFF9A6

 342C00

 FFFFC1

 1C1800

 FFFFDD

 000000

 FFFFFA

 9D8B3E

 9D8B3E

 9D882E

 9D8E4E

 9D851F

 9D915D

 9D820F

 9D946D

 9D7F00

 9D977D

 9D9A8D

 9D9D9C

 9DA0AC

 9DA3BC

 9DA6CB

Harmonies

Analogous

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



BC7E48



9D8B3E



76954B

Triad

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



9D8B3E



009DB4



BE72AD

Complementary

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



9D8B3E



3E509D

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.



9580CA



9D8B3E



0098CE

Square

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



9D8B3E



009F8F



548ED6



D16C88

Rectangle

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



9D8B3E



579A5E



548ED6



B376B8

Sweetspot

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



9D8B3E



CCC5A7



9D3E51



666250



E6E6E6



666666

Same Dimension

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



9D8B3E



CCB037



819D3E



4F4E47



8F7400



0F0C00

Inverse Universe

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



3E509D



3753CC



5B3E9D



47494F



001B8F



00030F

Previews

White Background



This preview shows how the Hex color 9D8B3E looks on a white background.

Color Contrast Check

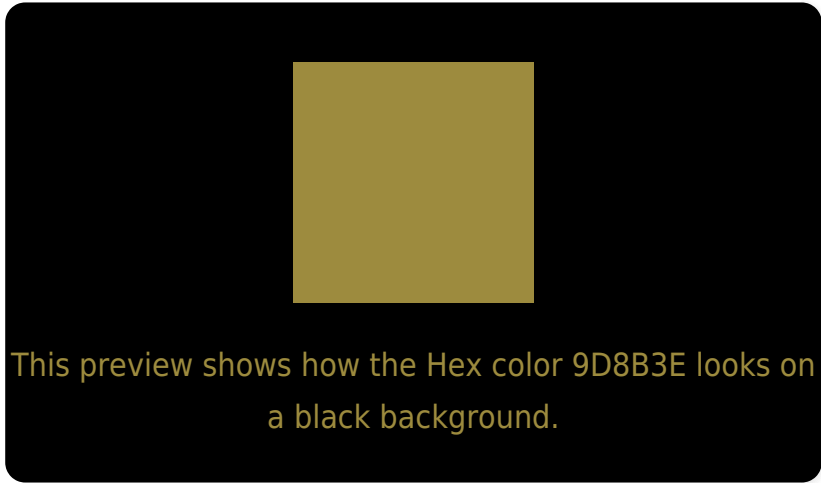
Large Text (above 18pt) WCAG AA ✓ Pass

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

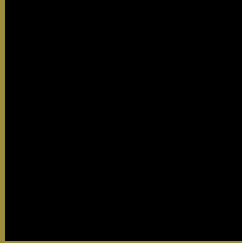
Any Text WCAG AA ✓ Pass

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 9D8B3E Background



This preview shows how black text looks on a background with the Hex color 9D8B3E.



This preview shows how white text looks on a background with the Hex color 9D8B3E.

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
9D8B3E

Protanopia
9B8C3E

Deuteranopia
AD8540

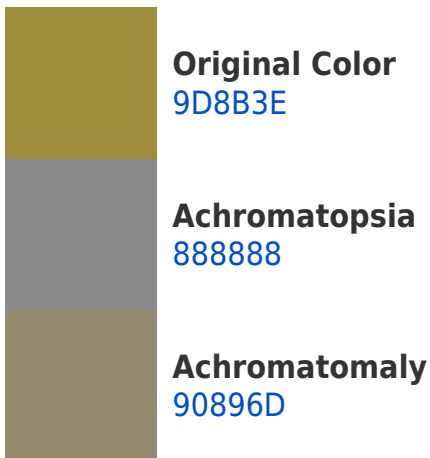


Tritanopia
A4838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D8B3E 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 #9D8B3E looks like.

```
.text, #text, p{  
    color:#9D8B3E  
}
```

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 #9D8B3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D8B3E
}
```

Border

The CSS property to change the border of an element to Hex 9D8B3E 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
#9D8B3E }
```

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

```
.border{ border-color:#9D8B3E }
```

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

Here you see how a box with a 4 pixel #9D8B3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D8B3E; -webkit-box-shadow:4px 4px  
4px 4px #9D8B3E; box-shadow:4px 4px 4px  
4px #9D8B3E }
```

Background

The CSS property to change the background color of an element to Hex 9D8B3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D8B3E }
```

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

```
.background{ background-color:#9D8B3E }
```

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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