

Converting Colors

Hex(9D8817)

Have a look what the booklet for
Hex(9D8817) contains.

Hex(9D8817)	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(9D8817)

Conversions

Conversions Part 1

Format	Color
Hex	9D8817
RGB	157, 136, 23
RGB Percent	62%, 53%, 9%
CMY	0.3843, 0.4667, 0.9098
CMYK	0.00, 0.13, 0.85, 0.38
HSL	51°, 74%, 35%
HSV	51°, 85%, 62%
XYZ	22.8634, 24.8383, 4.3998
YIQ	129.3970, 48.7890, -30.6910

Conversions

Conversions Part 2

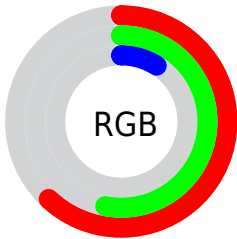
Format	Color
RYB	48, 157, 23
Decimal	10323991
CIELab	56.92, -3.34, 57.09
CIElCh	57, 57.186, 93.348
Yxy	24.8383, 0.4388, 0.4767
Android (android.graphics.Color)	4288514071 (0xFF9D8817)
YUV	129.3970, -52.4537, 24.2078
Hunter-Lab	49.8380, -5.3288, 29.6523

Details

The Hex color **9D8817** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **172C9D**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **D7BD50**, and **665700** is the 20% darker color. If you saturate the color by 10%, you get **9D8607**, and if you desaturate by 10%, it is **9D8A27**.

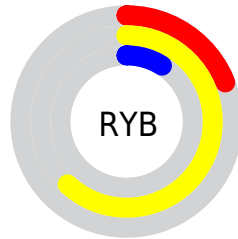
Distribution



Red (62%)

Green (53%)

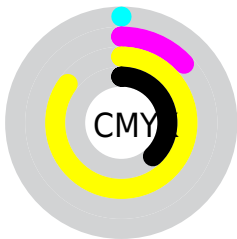
Blue (9%)



Red (19%)

Yellow (62%)

Blue (9%)

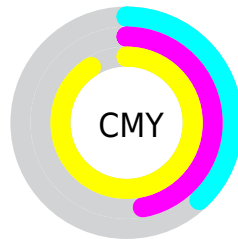


Cyan (0%)

Magenta (13%)

Yellow (85%)

Black (38%)



Cyan (38%)

Magenta (47%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D8817 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 9D8817 by changing the saturation by 10% instead.



9D8817



9D8817

FFFFFF



816F00



D7BD50



665700



F5D96A



4B4000



FFF585



312A00



FFFFA0



181600



FFFFBC



000000



FFFFD9



FFFFF6



9D8817



9D8817

■ 9D8607

■ 9D8A27

■ 9D8400

■ 9D8D36

■ 9D8F46

■ 9D9256

■ 9D9466

■ 9D9775

■ 9D9985

■ 9D9C95

■ 9D9EA4

Harmonies

Analogous

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



C5752D



9D8817



6A952E

Triad

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



9D8817



009FBE



C963B6

Complementary

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



9D8817



172C9D

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.



9179DC



9D8817



0099E1

Square

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



9D8817



00A08D



008DEC



E15985

Rectangle

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



9D8817



3A9B4A



008DEC



BA6AC5

Sweetspot

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



9D8817



CCC497



9D172D



666146



E6E6E6



666666

Same Dimension

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



9D8817



CCAC00



709D17



4F4E47



8F7800



0F0D00

Inverse Universe

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



172C9D



0020CC



44179D



47484F



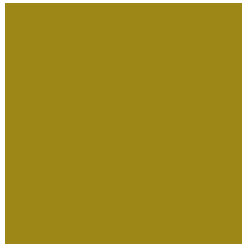
00168F



00020F

Previews

White Background



This preview shows how the Hex color 9D8817 looks on a white background.

Color Contrast Check

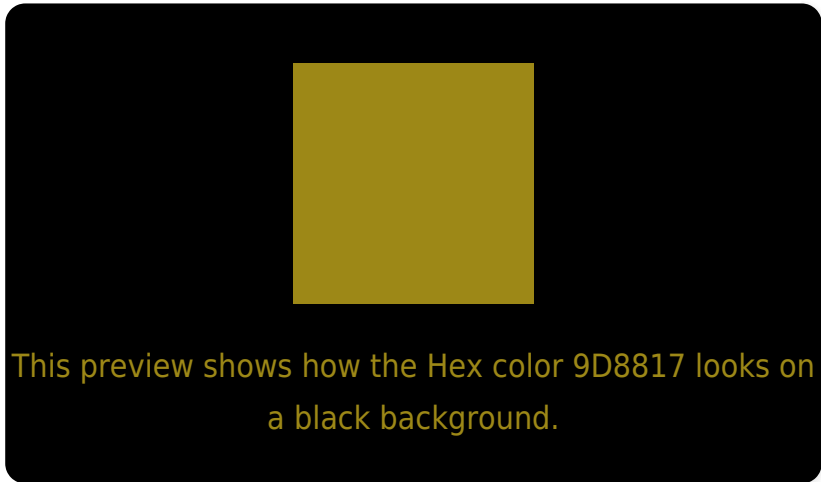
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D8817 Background



This preview shows how black text looks on a background with the Hex color 9D8817.



This preview shows how white text looks on a background with the Hex color 9D8817.

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
9D8817

Protanopia
9A8917

Deuteranopia
AC821B



Tritanopia
A57F88

Trichromacy



Original Color
9D8817

Protanomaly
9B8917

Deuteranomaly
A7841A

Tritanomaly
A2825F

Monochromacy



Original Color
9D8817

Achromatopsia
818181

Achromatomaly
8B845A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D8817 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 #9D8817 looks like.

```
.text, #text, p{  
    color:#9D8817  
}
```

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 #9D8817 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D8817  
}
```

Border

The CSS property to change the border of an element to Hex 9D8817 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  
#9D8817 }
```

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

```
.border{ border-color:#9D8817 }
```

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

Here you see how a box with a 4 pixel #9D8817 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D8817; -webkit-box-shadow:4px 4px  
4px 4px #9D8817; box-shadow:4px 4px 4px  
4px #9D8817 }
```

Background

The CSS property to change the background color of an element to Hex 9D8817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D8817 }
```

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

```
.background{ background-color:#9D8817 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor