

# Converting Colors

Hex(9D9D1C)

Have a look what the booklet for  
Hex(9D9D1C) contains.

<b>Hex(9D9D1C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9D9D1C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D9D1C
RGB	157, 157, 28
RGB Percent	62%, 62%, 11%
CMY	0.3843, 0.3843, 0.8902
CMYK	0.00, 0.00, 0.82, 0.38
HSL	60°, 70%, 36%
HSV	60°, 82%, 62%
XYZ	26.1712, 31.3659, 5.7735
YIQ	142.2940, 41.4090, -40.1190

# Conversions

## Conversions Part 2

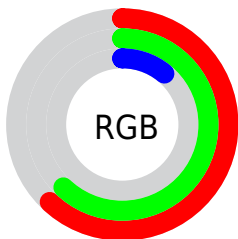
<b>Format</b>	<b>Color</b>
<b>RYB</b>	28, 157, 28
Decimal	10329372
CIELab	62.82, -14.44, 60.75
CIElCh	63, 62.443, 103.366
Yxy	31.3659, 0.4134, 0.4954
Android (android.graphics.Color)	4288519452 (0xFF9D9D1C)
YUV	142.2940, -56.3469, 12.8972
Hunter-Lab	56.0053, -14.5963, 33.0916

# Details

The Hex color **9D9D1C** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1C1C9D**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **D7D356**, and **666A00** is the 20% darker color. If you saturate the color by 10%, you get **9D9D0C**, and if you desaturate by 10%, it is **9D9D2C**.

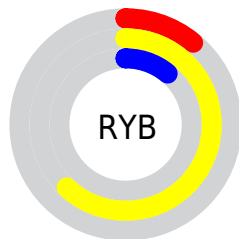
# Distribution



Red (62%)

Green (62%)

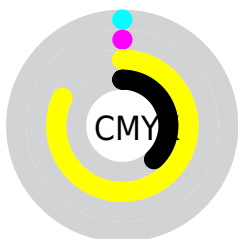
Blue (11%)



Red (11%)

Yellow (62%)

Blue (11%)

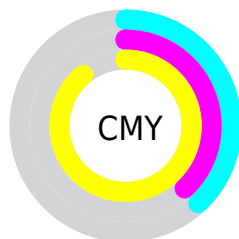


Cyan (0%)

Magenta (0%)

Yellow (82%)

Black (38%)



Cyan (38%)

Magenta (38%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D9D1C 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 9D9D1C by changing the saturation by 10% instead.





9D9D1C



9D9D1C

FFFFFF



818300



D7D356



666A00



F4F071



4B5200



FFFF8C



313B00



FFFFA8



182600



FFFFC4



001200



FFFFE1



000000

FFFFFFE



9D9D1C



9D9D1C

 9D9D0C

 9D9D2C

 9D9D00

 9D9D3B

 9D9D4B

 9D9D5B

 9D9D6B

 9D9D7A

 9D9D8A

 9D9D9A

 9D9DA9

# Harmonies

## Analogous

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



CE8A25



9D9D1C



5EAA42

# Triad

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



9D9D1C



00B0E3



ED68B9

# Complementary

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



9D9D1C



1C1C9D

# 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.



BA7EE9



9D9D1C



00A7FF

# Square

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



9D9D1C



00B2B0



5796FF



FD6381

# Rectangle

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



9D9D1C



00AF64



5796FF



E06ECB



# Sweetspot

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



9D9D1C



C4C499



9D1C1C



666647



E6E6E6



666666



# Same Dimension

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



9D9D1C



CCCC02



5D9D1C



4F4F47



8F8F00



0F0F00



# Inverse Universe

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



1C1C9D



0202CC



5D1C9D



47474F



00008F



00000F



# Previews

## White Background



This preview shows how the Hex color 9D9D1C looks on a white background.

## Color Contrast Check

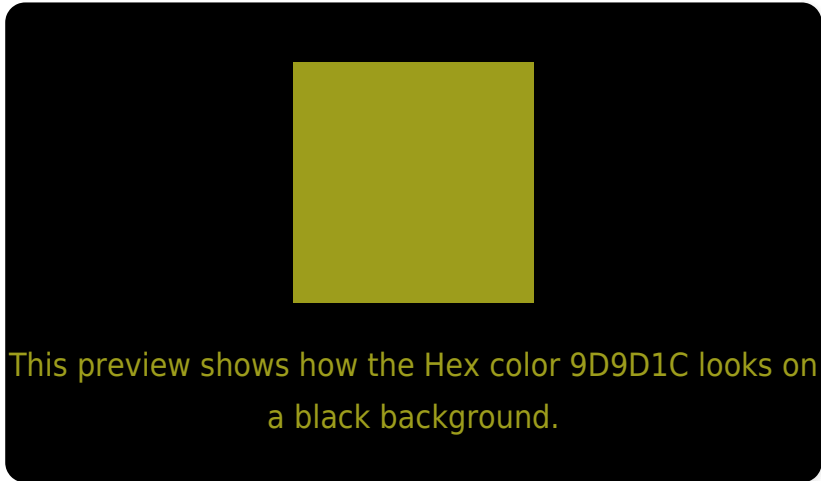
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9D9D1C Background



This preview shows how black text looks on a background with the Hex color 9D9D1C.



This preview shows how white text looks on a background with the Hex color 9D9D1C.

# 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**  
9D9D1C

**Protanopia**  
AB981B

**Deuteranopia**  
BF9024



**Tritanopia**  
A7929E

# Trichromacy



**Original Color**  
9D9D1C

**Protanomaly**  
A69A1B

**Deuteranomaly**  
B39521

**Tritanomaly**  
A3966F

# Monochromacy



**Original Color**  
9D9D1C

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
939365

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D9D1C 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 #9D9D1C looks like.

```
.text, #text, p{  
    color:#9D9D1C  
}
```

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 #9D9D1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D9D1C
}
```

## Border

The CSS property to change the border of an element to Hex 9D9D1C 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
#9D9D1C }
```

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

```
.border{ border-color:#9D9D1C }
```

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

Here you see how a box with a 4 pixel #9D9D1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D9D1C; -webkit-box-shadow:4px 4px  
4px 4px #9D9D1C; box-shadow:4px 4px 4px  
4px #9D9D1C }
```

# Background

The CSS property to change the background color of an element to Hex 9D9D1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D9D1C }
```

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

```
.background{ background-color:#9D9D1C }
```

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