

# Converting Colors

Hex(9D8C13)

Have a look what the booklet for  
Hex(9D8C13) contains.

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**Color**

**Hex(9D8C13)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D8C13
RGB	157, 140, 19
RGB Percent	62%, 55%, 7%
CMY	0.3843, 0.4510, 0.9255
CMYK	0.00, 0.11, 0.88, 0.38
HSL	53°, 78%, 35%
HSV	53°, 88%, 62%
XYZ	23.4003, 25.9713, 4.3957
YIQ	131.2890, 48.9730, -34.0270

# Conversions

## Conversions Part 2

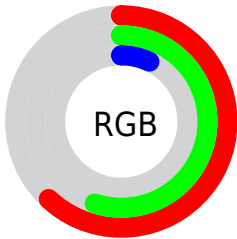
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 157, 19
Decimal	10325011
CIE Lab	58.01, -5.63, 58.99
CIE LCh	58, 59.261, 95.454
Yxy	25.9713, 0.4352, 0.4830
Android (android.graphics.Color)	4288515091 (0xFF9D8C13)
YUV	131.2890, -55.3585, 22.5485
Hunter-Lab	50.9620, -7.2216, 30.5594

# Details

The Hex color **9D8C13** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **13249D**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **D7C14E**, and **655A00** is the 20% darker color. If you saturate the color by 10%, you get **9D8A03**, and if you desaturate by 10%, it is **9D8E23**.

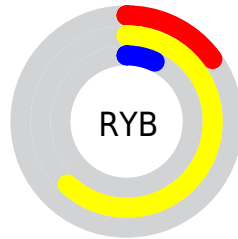
# Distribution



Red (62%)

Green (55%)

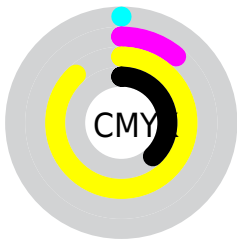
Blue (7%)



Red (15%)

Yellow (62%)

Blue (7%)

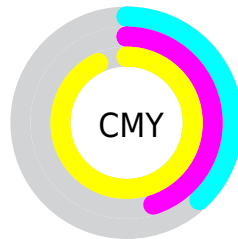


Cyan (0%)

Magenta (11%)

Yellow (88%)

Black (38%)



Cyan (38%)

Magenta (45%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D8C13 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 9D8C13 by changing the saturation by 10% instead.





9D8C13



9D8C13

FFFFFF



817300



D7C14E



655A00



F5DD69



4B4300



FFF984



312D00



FFFF9F



181900



FFFFBB



000000



FFFFD8



FFFFF5



9D8C13



9D8C13

 9D8A03

 9D8E23

 9D8A00

 9D9032

 9D9242

 9D9452

 9D9662

 9D9871

 9D9A81

 9D9B91

 9D9DA0

# Harmonies

## Analogous

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



C77929



9D8C13



67992F

# Triad

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



9D8C13



00A3C6



D163B7

# Complementary

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



9D8C13



13249D

# 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.



9979E0



9D8C13



009CE9

# Square

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



9D8C13



00A494



0A8EF3



E85984

# Rectangle

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



9D8C13



319F4D



0A8EF3



C36AC7



# Sweetspot

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



9D8C13



CCC597



9D1325



666246



E6E6E6



666666



# Same Dimension

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



9D8C13



CCB300



6A9D13



4F4E47



8F7D00



0F0D00



# Inverse Universe

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



13249D



0019CC



46139D



47484F



00128F

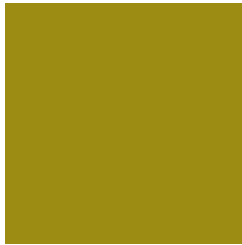


00020F



# Previews

## White Background



This preview shows how the Hex color 9D8C13 looks on a white background.

## Color Contrast Check

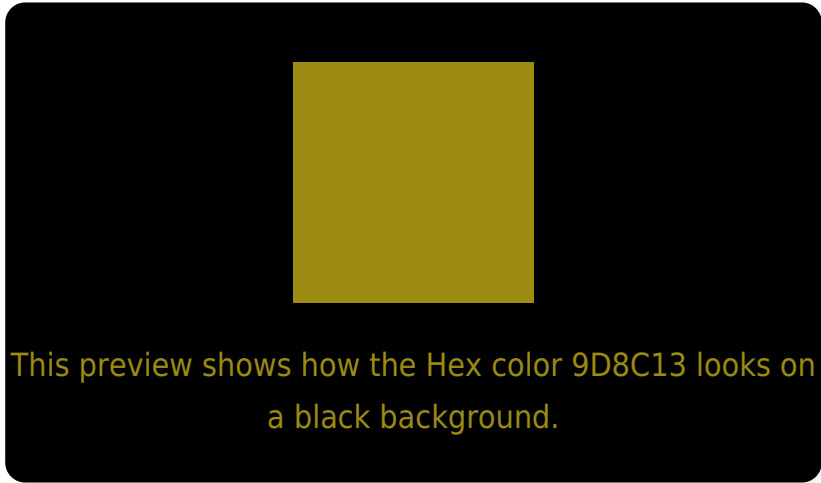
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D8C13 Background



This preview shows how black text looks on a background with the Hex color 9D8C13.



This preview shows how white text looks on a background with the Hex color 9D8C13.

# 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**  
9D8C13

**Protanopia**  
9D8C13

**Deuteranopia**  
B08419



**Tritanopia**  
A5828C

# Trichromacy



**Original Color**  
9D8C13

**Protanomaly**  
9D8C13

**Deuteranomaly**  
A98717

**Tritanomaly**  
A28660

# Monochromacy



**Original Color**  
9D8C13

**Achromatopsia**  
838383

**Achromatomaly**  
8C865A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D8C13 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 #9D8C13 looks like.

```
.text, #text, p{  
    color:#9D8C13  
}
```

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 #9D8C13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D8C13
}
```

## Border

The CSS property to change the border of an element to Hex 9D8C13 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
#9D8C13 }
```

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

```
.border{ border-color:#9D8C13 }
```

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

Here you see how a box with a 4 pixel #9D8C13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D8C13; -webkit-box-shadow:4px 4px  
4px 4px #9D8C13; box-shadow:4px 4px 4px  
4px #9D8C13 }
```

# Background

The CSS property to change the background color of an element to Hex 9D8C13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D8C13 }
```

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

```
.background{ background-color:#9D8C13 }
```

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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