

# Converting Colors

Hex(9D8B04)

Have a look what the booklet for  
Hex(9D8B04) contains.

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**Color**

**Hex(9D8B04)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 9D8B04                      |
| RGB         | 157, 139, 4                 |
| RGB Percent | 62%, 55%, 2%                |
| CMY         | 0.3843, 0.4549, 0.9843      |
| CMYK        | 0.00, 0.11, 0.97, 0.38      |
| HSL         | 53°, 95%, 32%               |
| HSV         | 53°, 97%, 62%               |
| XYZ         | 23.1592, 25.6421, 3.8437    |
| YIQ         | 128.9920, 54.0630, -38.1690 |

# Conversions

## Conversions Part 2

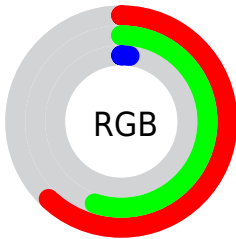
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 24, 157, 4                     |
| Decimal                             | 10324740                       |
| CIE Lab                             | 57.70, -5.36, 61.45            |
| CIE LCh                             | 58, 61.687, 94.984             |
| Yxy                                 | 25.6421, 0.4399,<br>0.4871     |
| Android<br>(android.graphics.Color) | 4288514820<br>(0xFF9D8B04)     |
| YUV                                 | 128.9920, -61.6211,<br>24.5630 |
| Hunter-Lab                          | 50.6380, -6.9801,<br>30.9462   |

# Details

The Hex color **9D8B04** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **04169D**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **D7C047**, and **655900** is the 20% darker color. If you saturate the color by 10%, you get **9D8B00**, and if you desaturate by 10%, it is **9D8D14**.

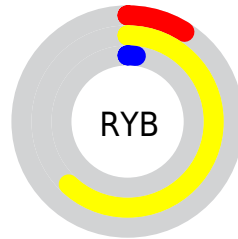
# Distribution



Red (62%)

Green (55%)

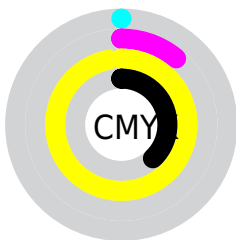
Blue (2%)



Red (9%)

Yellow (62%)

Blue (2%)

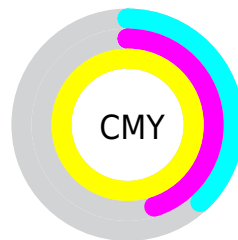


Cyan (0%)

Magenta (11%)

Yellow (97%)

Black (38%)



Cyan (38%)

Magenta (45%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D8B04 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 9D8B04 by changing the saturation by 10% instead.





9D8B04



9D8B04

FFFFFF



817200



D7C047



655900



F5DC62



4A4200



FFF87D



302D00



FFFF99



181800



FFFFB5



000000



FFFFD1



FFFFEE



9D8B04



9D8B04

 9D8B00

 9D8D14

 9D8F23

 9D9133

 9D9243

 9D9452

 9D9662

 9D9872

 9D9A82

 9D9C91

# Harmonies

## Analogous

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



C97723



9D8B04



659928

# Triad

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



9D8B04



00A3C7



D260B9

# Complementary

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



9D8B04



04169D

# 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.



9778E4



9D8B04



009CEC

# Square

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



9D8B04



00A492



008EF6



EA5584

# Rectangle

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



9D8B04



2A9F49



008EF6



C368C9



# Sweetspot

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



9D8B04



CCC591



9D0418



666242



E6E6E6



666666



# Same Dimension

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



9D8B04



CCB400



659D04



4F4E47



8F7E00



0F0D00



# Inverse Universe

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



04169D



0018CC



3C049D



47484F



00118F

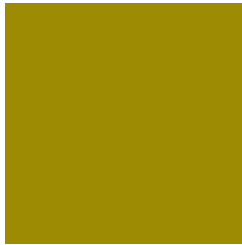


00020F



# Previews

## White Background



This preview shows how the Hex color 9D8B04 looks on a white background.

## Color Contrast Check

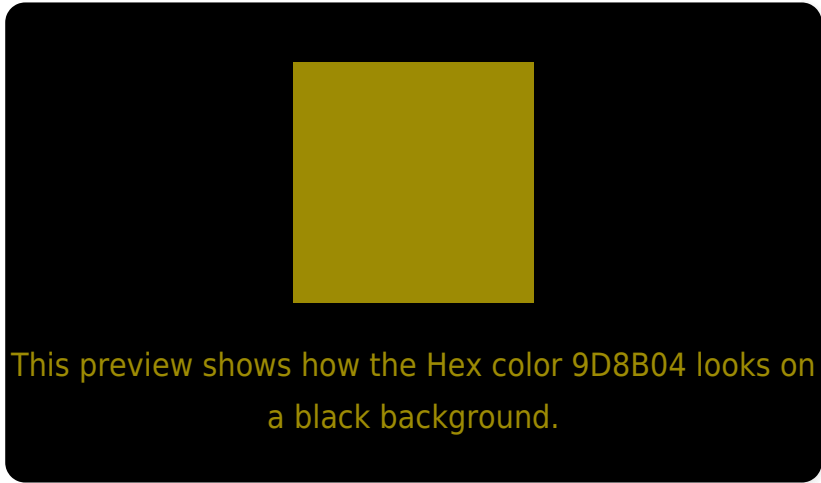
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D8B04 Background



This preview shows how black text looks on a background with the Hex color 9D8B04.



This preview shows how white text looks on a background with the Hex color 9D8B04.

# 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**  
9D8B04

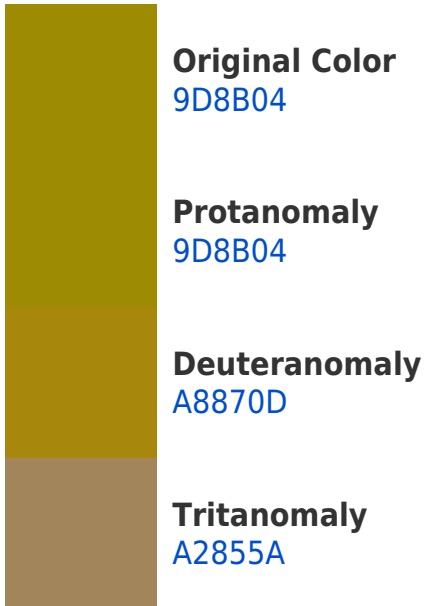
**Protanopia**  
9D8B04

**Deuteranopia**  
AF8412

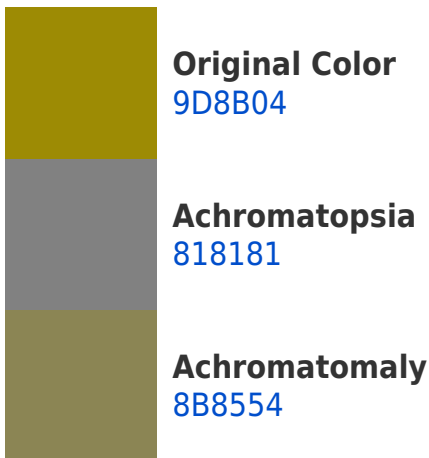


**Tritanopia**  
A5818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D8B04 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 #9D8B04 looks like.

```
.text, #text, p{  
    color:#9D8B04  
}
```

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 #9D8B04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D8B04
}
```

## Border

The CSS property to change the border of an element to Hex 9D8B04 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
#9D8B04 }
```

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

```
.border{ border-color:#9D8B04 }
```

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

Here you see how a box with a 4 pixel #9D8B04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D8B04; -webkit-box-shadow:4px 4px  
4px 4px #9D8B04; box-shadow:4px 4px 4px  
4px #9D8B04 }
```

# Background

The CSS property to change the background color of an element to Hex 9D8B04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D8B04 }
```

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

```
.background{ background-color:#9D8B04 }
```

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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