

Converting Colors

Hex(9C8900)

Have a look what the booklet for
Hex(9C8900) contains.

Hex(9C8900)	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(9C8900)

Conversions

Conversions Part 1

Format	Color
Hex	9C8900
RGB	156, 137, 0
RGB Percent	61%, 54%, 0%
CMY	0.3882, 0.4627, 1.0000
CMYK	0.00, 0.12, 1.00, 0.39
HSL	53°, 100%, 31%
HSV	53°, 100%, 61%
XYZ	22.6560, 24.9592, 3.6235
YIQ	127.0630, 55.3010, -38.5790

Conversions

Conversions Part 2

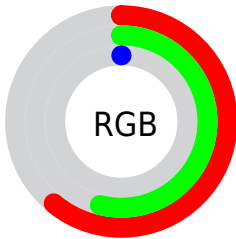
Format	Color
R_{YB}	22, 156, 0
Decimal	10258688
CIE Lab	57.04, -4.79, 61.59
CIE LCh	57, 61.779, 94.449
Yxy	24.9592, 0.4422, 0.4871
Android (android.graphics.Color)	4288448768 (0xFF9C8900)
YUV	127.0630, -62.6421, 25.3777
Hunter-Lab	49.9592, -6.4808, 30.6712

Details

The Hex color **9C8900** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **00139C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D6BE45**, and **645800** is the 20% darker color. If you saturate the color by 10%, you get **9C8900**, and if you desaturate by 10%, it is **9C8B10**.

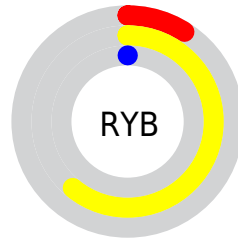
Distribution



Red (61%)

Green (54%)

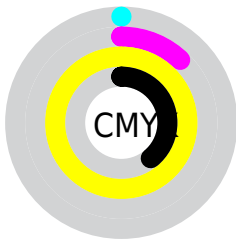
Blue (0%)



Red (9%)

Yellow (61%)

Blue (0%)

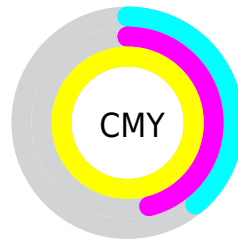


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (39%)



Cyan (39%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C8900 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 9C8900 by changing the saturation by 10% instead.

 9C8900

 9C8900

FFFFFF

 807000

 D6BE45

 645800

 F4DA60

 494100

 FFF67B

 2F2B00

 FFFF97

 161700

 FFFFB3

 000000

 FFFFCE

 FFFFEC

 9C8900

 9C8B10

 9C8D1F

 9C8F2F

 9C913E

 9C934E

 9C945E

 9C966D

 9C987D

 9C9A8C

Harmonies

Analogous

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



C77522



9C8900



649726

Triad

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



9C8900



00A1C5



D05FB8

Complementary

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



9C8900



00139C

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.



9477E2



9C8900



009BEA

Square

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



9C8900



00A290



008DF5



E85283

Rectangle

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



9C8900



2A9D46



008DF5



C066C8

Sweetspot

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



9C8900



CCC58F



9C0015



666241



E6E6E6



666666

Same Dimension

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



9C8900



CCB300



639C00



4F4E47



8F7D00



0F0D00

Inverse Universe

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



00139C



0019CC



39009C



47484F



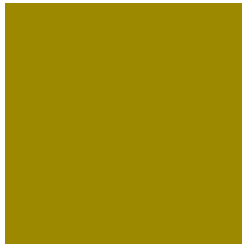
00118F



00020F

Previews

White Background



This preview shows how the Hex color 9C8900 looks on a white background.

Color Contrast Check

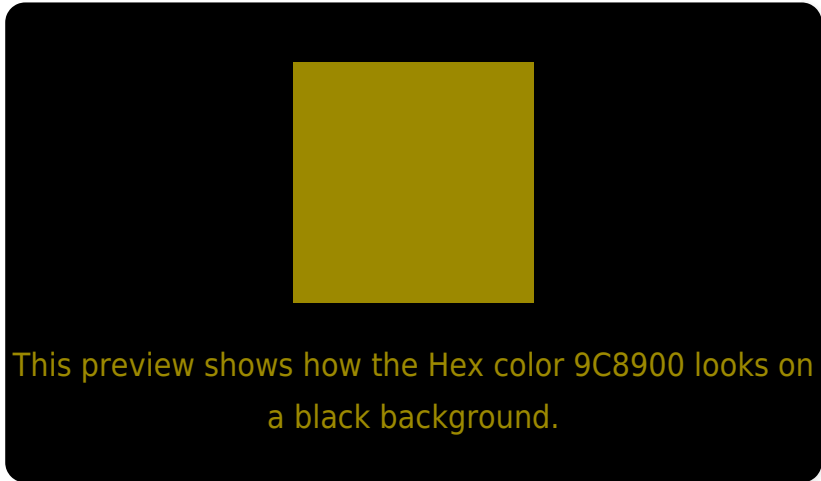
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C8900 Background



This preview shows how black text looks on a background with the Hex color 9C8900.



This preview shows how white text looks on a background with the Hex color 9C8900.

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
9C8900

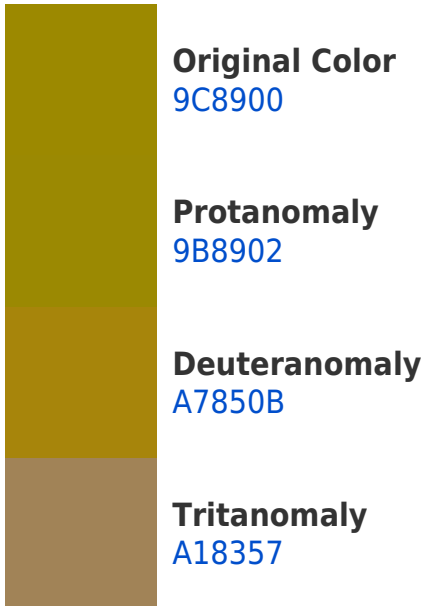
Protanopia
9B8903

Deuteranopia
AD8211

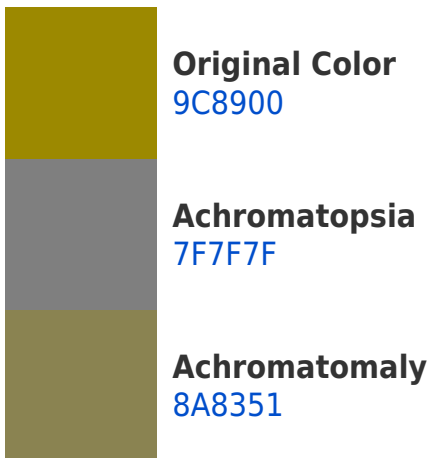


Tritanopia
A47F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C8900 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 #9C8900 looks like.

```
.text, #text, p{  
    color:#9C8900  
}
```

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 #9C8900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C8900
}
```

Border

The CSS property to change the border of an element to Hex 9C8900 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
#9C8900 }
```

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

```
.border{ border-color:#9C8900 }
```

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

Here you see how a box with a 4 pixel #9C8900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C8900; -webkit-box-shadow:4px 4px  
4px 4px #9C8900; box-shadow:4px 4px 4px  
4px #9C8900 }
```

Background

The CSS property to change the background color of an element to Hex 9C8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C8900 }
```

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

```
.background{ background-color:#9C8900 }
```

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