

Converting Colors

Hex(9C9B00)

Have a look what the booklet for
Hex(9C9B00) contains.

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Color

Hex(9C9B00)

Conversions

Conversions Part 1

Format	Color
Hex	9C9B00
RGB	156, 155, 0
RGB Percent	61%, 61%, 0%
CMY	0.3882, 0.3922, 1.0000
CMYK	0.00, 0.01, 1.00, 0.39
HSL	60°, 100%, 31%
HSV	60°, 100%, 61%
XYZ	25.4316, 30.5106, 4.5487
YIQ	137.6290, 50.3510, -47.9930

Conversions

Conversions Part 2

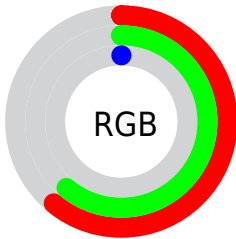
Format	Color
RYB	1, 156, 0
Decimal	10263296
CIELab	62.09, -14.41, 65.24
CIELCh	62, 66.818, 102.456
Yxy	30.5106, 0.4204, 0.5044
Android (android.graphics.Color)	4288453376 (0xFF9C9B00)
YUV	137.6290, -67.8511, 16.1114
Hunter-Lab	55.2364, -14.4797, 33.7829

Details

The Hex color **9C9B00** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **00019C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **D6D149**, and **646800** is the 20% darker color. If you saturate the color by 10%, you get **9C9B00**, and if you desaturate by 10%, it is **9C9B10**.

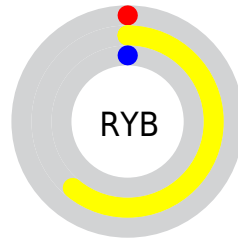
Distribution



Red (61%)

Green (61%)

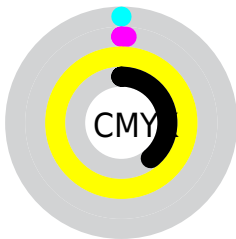
Blue (0%)



Red (0%)

Yellow (61%)

Blue (0%)

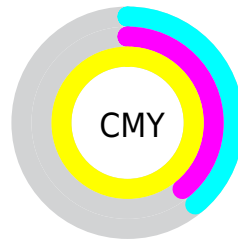


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (39%)



Cyan (39%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C9B00 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 9C9B00 by changing the saturation by 10% instead.

 9C9B00

 9C9B00

FFFFFF

 808100

 D6D149

 646800

 F4ED65

 495000

 FFFF80

 2F3A00

 FFFF9C

 162400

 FFFFB8

 000E00

 FFFFD5

 000000

 FFFFF2

 9C9B00

 9C9B10

 9C9B1F

 9C9B2F

 9C9B3E

 9C9B4E

 9C9C5E

 9C9C6D

 9C9C7D

 9C9C8C

Harmonies

Analogous

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



CF8617



9C9B00



59A837

Triad

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



9C9B00



00AFE5



EF61BB

Complementary

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



9C9B00



00019C

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.



B87BEE



9C9B00



00A6FF

Square

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



9C9B00



00B2AE



4295FF



FF5B80

Rectangle

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



9C9B00



00AE5C



4295FF



E169CE

Sweetspot

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



9C9B00



CCCC8F



9C0003



666641



E6E6E6



666666

Same Dimension

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



9C9B00



CCCB00



519C00



4F4F47



8F8E00



0F0F00

Inverse Universe

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



00019C



0001CC



4B009C



47474F



00018F



00000F

Previews

White Background



This preview shows how the Hex color 9C9B00 looks on a white background.

Color Contrast Check

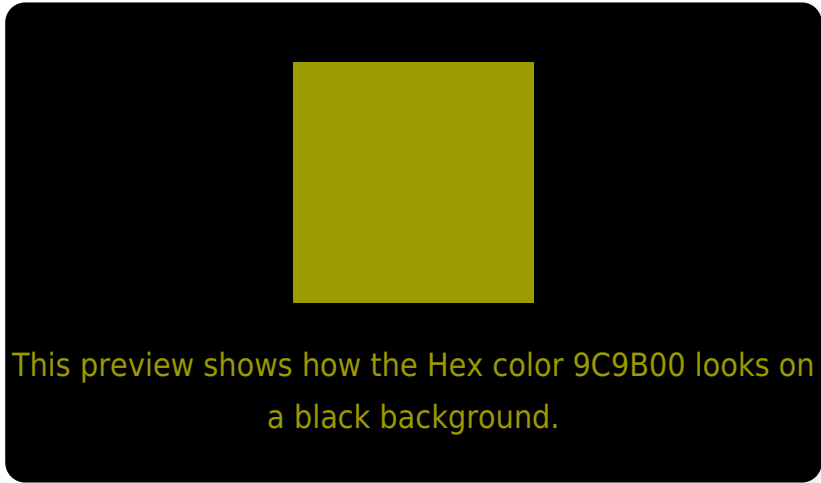
Large Text (above 18pt) WCAG AA × Fail

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 9C9B00 Background



This preview shows how black text looks on a background with the Hex color 9C9B00.



This preview shows how white text looks on a background with the Hex color 9C9B00.

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
9C9B00

Protanopia
A99600

Deuteranopia
BD8E17



Tritanopia
A6909B

Trichromacy



Original Color
9C9B00

Protanomaly
A49800

Deuteranomaly
B1930F

Tritanomaly
A29463

Monochromacy



Original Color
9C9B00

Achromatopsia
8A8A8A

Achromatomaly
919058

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C9B00 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 #9C9B00 looks like.

```
.text, #text, p{  
    color:#9C9B00  
}
```

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 #9C9B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C9B00
}
```

Border

The CSS property to change the border of an element to Hex 9C9B00 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
#9C9B00 }
```

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

```
.border{ border-color:#9C9B00 }
```

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

Here you see how a box with a 4 pixel #9C9B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C9B00; -webkit-box-shadow:4px 4px  
4px 4px #9C9B00; box-shadow:4px 4px 4px  
4px #9C9B00 }
```

Background

The CSS property to change the background color of an element to Hex 9C9B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C9B00 }
```

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

```
.background{ background-color:#9C9B00 }
```

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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