

Converting Colors

Hex(9D9A00)

Have a look what the booklet for
Hex(9D9A00) contains.

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Color

Hex(9D9A00)

Conversions

Conversions Part 1

Format	Color
Hex	9D9A00
RGB	157, 154, 0
RGB Percent	62%, 60%, 0%
CMY	0.3843, 0.3961, 1.0000
CMYK	0.00, 0.02, 1.00, 0.38
HSL	59°, 100%, 31%
HSV	59°, 100%, 62%
XYZ	25.4602, 30.2793, 4.5026
YIQ	137.3410, 51.2220, -47.2580

Conversions

Conversions Part 2

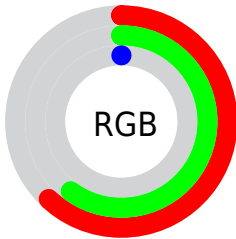
Format	Color
RYB	3, 157, 0
Decimal	10328576
CIELab	61.89, -13.44, 65.14
CIELCh	62, 66.511, 101.657
Yxy	30.2793, 0.4226, 0.5026
Android (android.graphics.Color)	4288518656 (0xFF9D9A00)
YUV	137.3410, -67.7091, 17.2409
Hunter-Lab	55.0266, -13.7066, 33.6672

Details

The Hex color **9D9A00** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **00039D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **D7D049**, and **656700** is the 20% darker color. If you saturate the color by 10%, you get **9D9A00**, and if you desaturate by 10%, it is **9D9A10**.

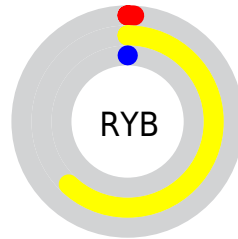
Distribution



Red (62%)

Green (60%)

Blue (0%)



Red (1%)

Yellow (62%)

Blue (0%)

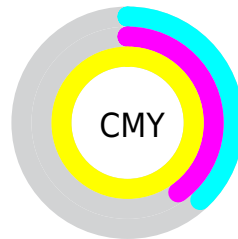


Cyan (0%)

Magenta (2%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D9A00 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 9D9A00 by changing the saturation by 10% instead.

 9D9A00

 9D9A00

FFFFFF

 818000

 D7D049

 656700

 F5EC65

 4A4F00

 FFFF80

 303900

 FFFF9C

 172300

 FFFFB8

 000D00

 FFFFD5

 000000

 FFFFF2

 9D9A00

 9D9A10

 9D9B1F

 9D9B2F

 9D9B3F

 9D9C4F

 9D9C5E

 9D9C6E

 9D9C7E

 9D9D8D

Harmonies

Analogous

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



D08518



9D9A00



5BA735

Triad

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



9D9A00



00AFE3



ED62BC

Complementary

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



9D9A00



00039D

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.



B57BEE



9D9A00



00A6FF

Square

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



9D9A00



00B1AC



3C95FF



FF5A81

Rectangle

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



9D9A00



00AD5A



3C95FF



DF69CF

Sweetspot

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



9D9A00



CCCB8F



9D0005



666541



E6E6E6



666666

Same Dimension

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



9D9A00



CCC800



549D00



4F4F47



8F8C00



0F0F00

Inverse Universe

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



00039D



0004CC



49009D



47474F



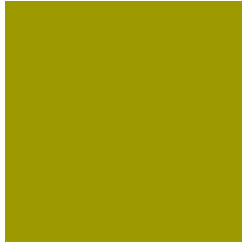
00038F



00000F

Previews

White Background



This preview shows how the Hex color 9D9A00 looks on a white background.

Color Contrast Check

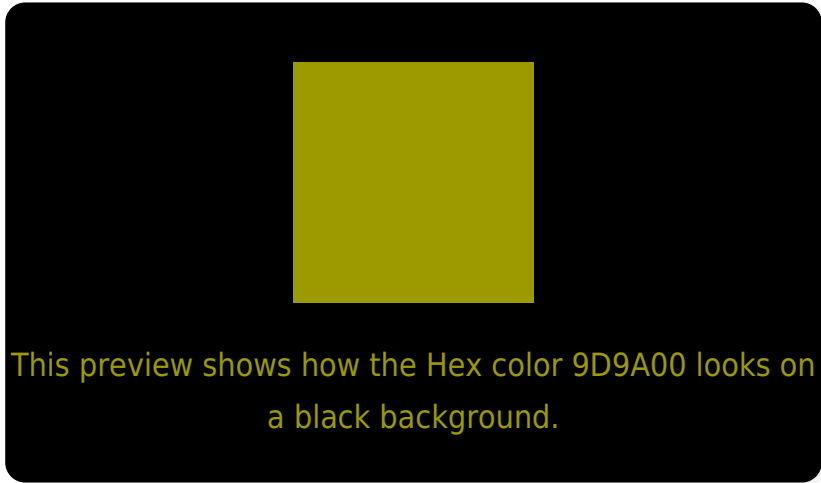
Large Text (above 18pt) WCAG AA × Fail

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 9D9A00 Background



This preview shows how black text looks on a background with the Hex color 9D9A00.



This preview shows how white text looks on a background with the Hex color 9D9A00.

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
9D9A00

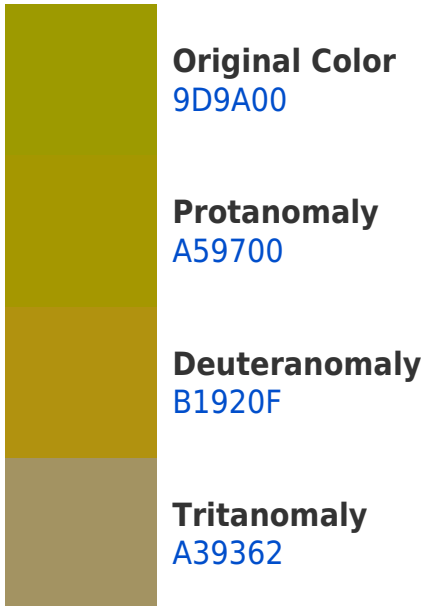
Protanopia
A99600

Deuteranopia
BD8E17

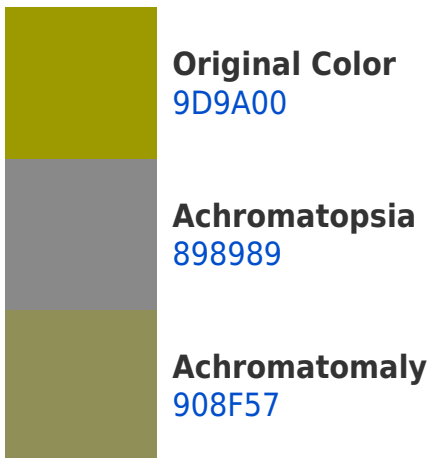


Tritanopia
A78F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D9A00 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 #9D9A00 looks like.

```
.text, #text, p{  
    color:#9D9A00  
}
```

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 #9D9A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D9A00
}
```

Border

The CSS property to change the border of an element to Hex 9D9A00 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
#9D9A00 }
```

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

```
.border{ border-color:#9D9A00 }
```

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

Here you see how a box with a 4 pixel #9D9A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D9A00; -webkit-box-shadow:4px 4px  
4px 4px #9D9A00; box-shadow:4px 4px 4px  
4px #9D9A00 }
```

Background

The CSS property to change the background color of an element to Hex 9D9A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D9A00 }
```

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

```
.background{ background-color:#9D9A00 }
```

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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