

Converting Colors

Hex(9A9800)

Have a look what the booklet for
Hex(9A9800) contains.

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Color

Hex(9A9800)

Conversions

Conversions Part 1

Format	Color
Hex	9A9800
RGB	154, 152, 0
RGB Percent	60%, 60%, 0%
CMY	0.3961, 0.4039, 1.0000
CMYK	0.00, 0.01, 1.00, 0.40
HSL	59°, 100%, 30%
HSV	59°, 100%, 60%
XYZ	24.5547, 29.3265, 4.3664
YIQ	135.2700, 49.9840, -46.8480

Conversions

Conversions Part 2

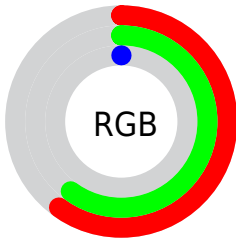
Format	Color
R_YB	2, 154, 0
Decimal	10131456
CIE Lab	61.07, -13.75, 64.42
CIE LCh	61, 65.871, 102.046
Yxy	29.3265, 0.4216, 0.5035
Android (android.graphics.Color)	4288321536 (0xFF9A9800)
YUV	135.2700, -66.6881, 16.4262
Hunter-Lab	54.1539, -13.8333, 33.1272

Details

The Hex color **9A9800** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **00029A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **D4CE48**, and **626500** is the 20% darker color. If you saturate the color by 10%, you get **9A9800**, and if you desaturate by 10%, it is **9A980F**.

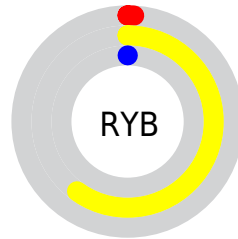
Distribution



Red (60%)

Green (60%)

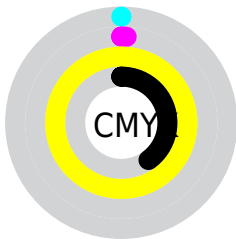
Blue (0%)



Red (1%)

Yellow (60%)

Blue (0%)

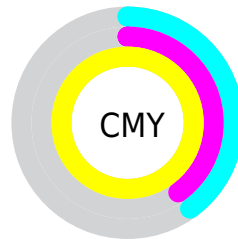


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A9800 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 9A9800 by changing the saturation by 10% instead.

 9A9800

 9A9800

FFFFFF

 7E7E00

 D4CE48

 626500

 F2EA64

 484E00

 FFFF7F

 2D3700

 FFFF9B

 152200

 FFFFB7

 000700

 FFFFD4

 000000

 FFFFF1

 9A9800

 9A980F

 9A981F

 9A992E

 9A993E

 9A994D

 9A995C

 9A996C

 9A9A7B

 9A9A8B

Harmonies

Analogous

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



CC8417



9A9800



58A535

Triad

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



9A9800



00ACE0



EA60B9

Complementary

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



9A9800



00029A

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.



B479EB



9A9800



00A4FF

Square

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



9A9800



00AFAA



3E92FF



FC597E

Rectangle

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



9A9800



00AA5A



3E92FF



DC67CB

Sweetspot

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



9A9800



C9C98D



9A0003



666641



E6E6E6



666666

Same Dimension

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



9A9800



C9C700



509A00



4D4C45



8C8A00



0D0D00

Inverse Universe

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



00029A



0003C9



4A009A



45454D



00028C



00000D

Previews

White Background



This preview shows how the Hex color 9A9800 looks on a white background.

Color Contrast Check

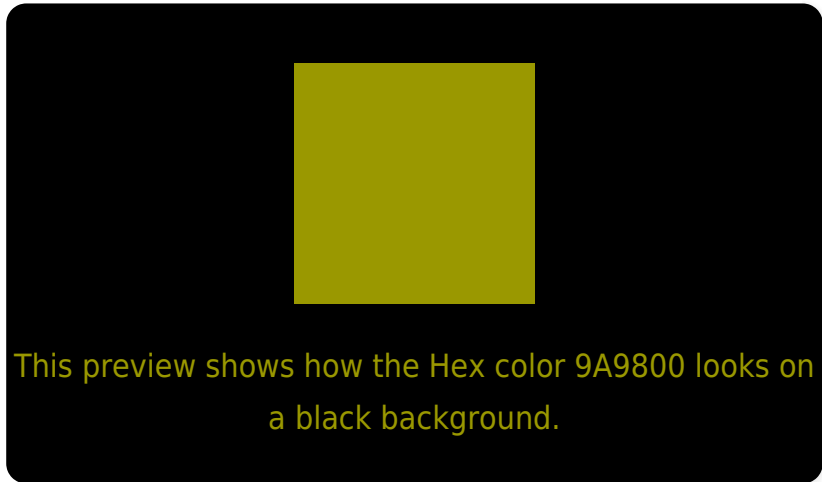
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A9800 Background



This preview shows how black text looks on a background with the Hex color 9A9800.



This preview shows how white text looks on a background with the Hex color 9A9800.

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
9A9800

Protanopia
A69400

Deuteranopia
BA8C17

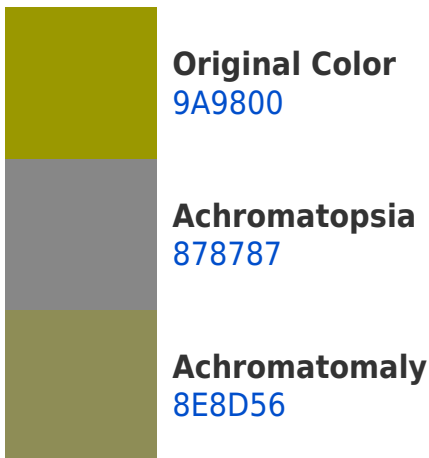


Tritanopia
A48D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A9800 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 #9A9800 looks like.

```
.text, #text, p{  
    color:#9A9800  
}
```

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 #9A9800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A9800
}
```

Border

The CSS property to change the border of an element to Hex 9A9800 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
#9A9800 }
```

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

```
.border{ border-color:#9A9800 }
```

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

Here you see how a box with a 4 pixel #9A9800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A9800; -webkit-box-shadow:4px 4px  
4px 4px #9A9800; box-shadow:4px 4px 4px  
4px #9A9800 }
```

Background

The CSS property to change the background color of an element to Hex 9A9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A9800 }
```

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

```
.background{ background-color:#9A9800 }
```

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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