

Converting Colors

Hex(9B8800)

Have a look what the booklet for
Hex(9B8800) contains.

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Color

Hex(9B8800)

Conversions

Conversions Part 1

Format	Color
Hex	9B8800
RGB	155, 136, 0
RGB Percent	61%, 53%, 0%
CMY	0.3922, 0.4667, 1.0000
CMYK	0.00, 0.12, 1.00, 0.39
HSL	53°, 100%, 30%
HSV	53°, 100%, 61%
XYZ	22.3217, 24.5769, 3.5673
YIQ	126.1770, 54.9800, -38.2680

Conversions

Conversions Part 2

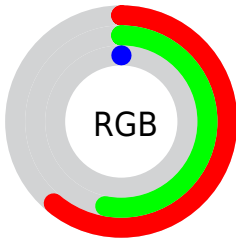
Format	Color
R _Y B	22, 155, 0
Decimal	10192896
CIE Lab	56.66, -4.71, 61.28
CIE LCh	57, 61.461, 94.394
Yxy	24.5769, 0.4423, 0.4870
Android (android.graphics.Color)	4288382976 (0xFF9B8800)
YUV	126.1770, -62.2053, 25.2778
Hunter-Lab	49.5751, -6.3848, 30.4362

Details

The Hex color **9B8800** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **00139B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **D5BD45**, and **645700** is the 20% darker color. If you saturate the color by 10%, you get **9B8800**, and if you desaturate by 10%, it is **9B8A0F**.

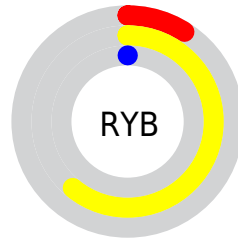
Distribution



Red (61%)

Green (53%)

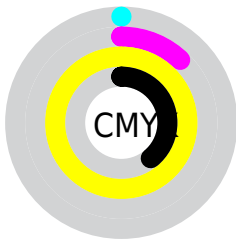
Blue (0%)



Red (9%)

Yellow (61%)

Blue (0%)

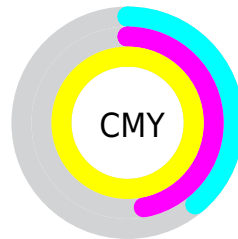


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (39%)



Cyan (39%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B8800 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 9B8800 by changing the saturation by 10% instead.

 9B8800

 9B8800

FFFFFF

 7F6F00

 D5BD45

 645700

 F3D960

 484000

 FFF57B

 2E2A00

 FFFF97

 151600

 FFFFB2

 000000

 FFFFCE

 FFFFEC

 9B8800

 9B8A0F

 9B8C1F

 9B8E2F

 9B903E

 9B924E

 9B935D

 9B956C

 9B977C

 9B998B

Harmonies

Analogous

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



C67421



9B8800



649625

Triad

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



9B8800



00A0C3



CE5EB7

Complementary

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



9B8800



00139B

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.



9376E1



9B8800



009AE8

Square

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



9B8800



00A18F



008CF3



E75282

Rectangle

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



9B8800



2A9C46



008CF3



BF66C7

Sweetspot

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



9B8800



C9C28D



9B0015



666141



E6E6E6



666666

Same Dimension

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



9B8800



C9B100



629B00



4D4C45



8C7B00



0D0B00

Inverse Universe

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



00139B



0019C9



39009B



45464D



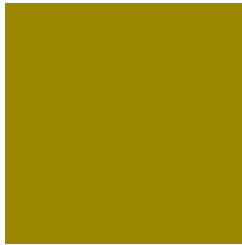
00118C



00020D

Previews

White Background



This preview shows how the Hex color 9B8800 looks on a white background.

Color Contrast Check

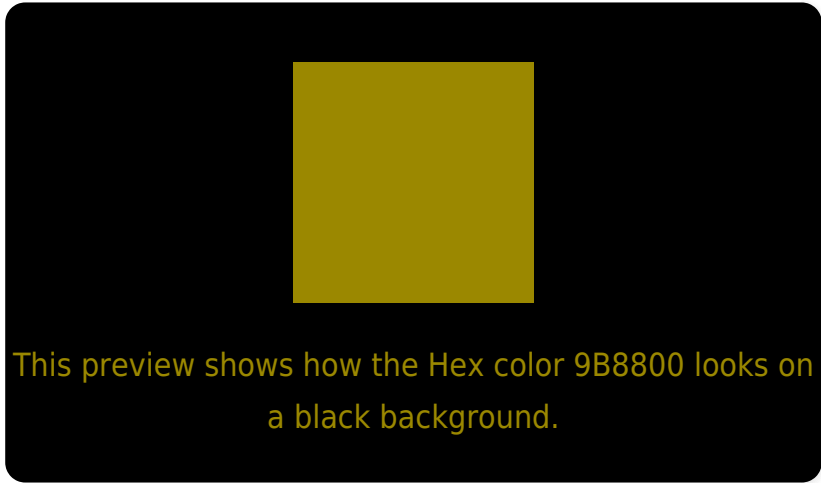
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B8800 Background



This preview shows how black text looks on a background with the Hex color 9B8800.



This preview shows how white text looks on a background with the Hex color 9B8800.

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

9B8800

Protanopia

9A8903

Deuteranopia

AC8111



Tritanopia
A37E88

Trichromacy



Original Color
9B8800

Protanomaly
9A8902

Deuteranomaly
A6840B

Tritanomaly
A08257

Monochromacy



Original Color
9B8800

Achromatopsia
7E7E7E

Achromatomaly
898250

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B8800 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 #9B8800 looks like.

```
.text, #text, p{  
    color:#9B8800  
}
```

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 #9B8800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8800
}
```

Border

The CSS property to change the border of an element to Hex 9B8800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

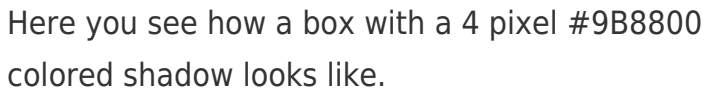
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B8800 }
```

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

```
.border{ border-color:#9B8800 }
```

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

A rectangular box with a 4px #9B8800 colored shadow. The box is white with a thin black border and a thick #9B8800 shadow on the right and bottom sides. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #9B8800 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8800; -webkit-box-shadow:4px 4px  
4px 4px #9B8800; box-shadow:4px 4px 4px  
4px #9B8800 }
```

Background

The CSS property to change the background color of an element to Hex 9B8800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8800 }
```

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

```
.background{ background-color:#9B8800 }
```

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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