

Converting Colors

Hex(9B880B)

Have a look what the booklet for
Hex(9B880B) contains.

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Color

Hex(9B880B)

Conversions

Conversions Part 1

Format	Color
Hex	9B880B
RGB	155, 136, 11
RGB Percent	61%, 53%, 4%
CMY	0.3922, 0.4667, 0.9569
CMYK	0.00, 0.12, 0.93, 0.39
HSL	52°, 87%, 33%
HSV	52°, 93%, 61%
XYZ	22.3821, 24.6010, 3.8854
YIQ	127.4310, 51.4490, -34.8470

Conversions

Conversions Part 2

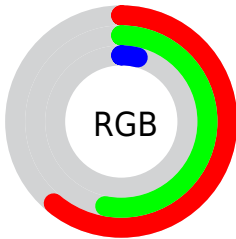
Format	Color
R_{YB}	33, 155, 11
Decimal	10192907
CIE _{Lab}	56.68, -4.53, 59.47
CIE _{LCh}	57, 59.646, 94.359
Yxy	24.6010, 0.4400, 0.4836
Android (android.graphics.Color)	4288382987 (0xFF9B880B)
YUV	127.4310, -57.4005, 24.1780
Hunter-Lab	49.5994, -6.2495, 30.0751

Details

The Hex color **9B880B** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0B1E9B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D5BD49**, and **645700** is the 20% darker color. If you saturate the color by 10%, you get **9B8700**, and if you desaturate by 10%, it is **9B8A1A**.

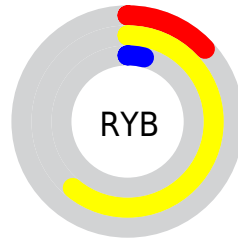
Distribution



Red (61%)

Green (53%)

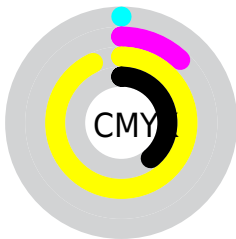
Blue (4%)



Red (13%)

Yellow (61%)

Blue (4%)

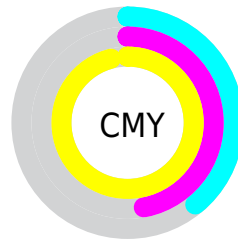


Cyan (0%)

Magenta (12%)

Yellow (93%)

Black (39%)



Cyan (39%)

Magenta (47%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B880B 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 9B880B by changing the saturation by 10% instead.



9B880B



9B880B

FFFFFF



7F6F00



D5BD49



645700



F3D964



494000



FFF57F



2F2A00



FFFF9A



161600



FFFFB6



000000



FFFFD3



FFFFF0



9B880B



9B880B

■ 9B8700

■ 9B8A1A

■ 9B8C2A

■ 9B8E39

■ 9B9049

■ 9B9258

■ 9B9468

■ 9B9678

■ 9B9887

■ 9B9A96

Harmonies

Analogous

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



C57426



9B880B



659629

Triad

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



9B880B



009FC1



CC60B6

Complementary

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



9B880B



0B1E9B

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.



9377DE



9B880B



0099E5

Square

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



9B880B



00A08E



008CF0



E45583

Rectangle

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



9B880B



309B48



008CF0



BD67C5

Sweetspot

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



9B880B



C9C291



9B0B1E



666143



E6E6E6



666666

Same Dimension

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



9B880B



C9AF00



669B0B



4D4B45



8C7A00



0D0B00

Inverse Universe

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



0B1E9B



001BC9



400B9B



45464D



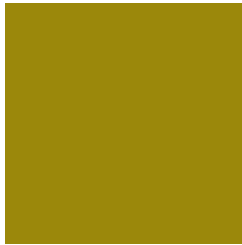
00138C



00020D

Previews

White Background



This preview shows how the Hex color 9B880B looks on a white background.

Color Contrast Check

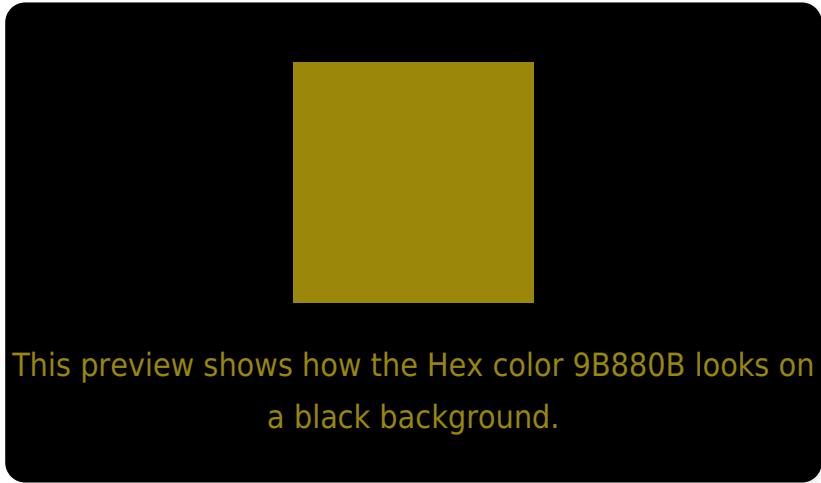
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B880B Background



This preview shows how black text looks on a background with the Hex color 9B880B.



This preview shows how white text looks on a background with the Hex color 9B880B.

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
9B880B

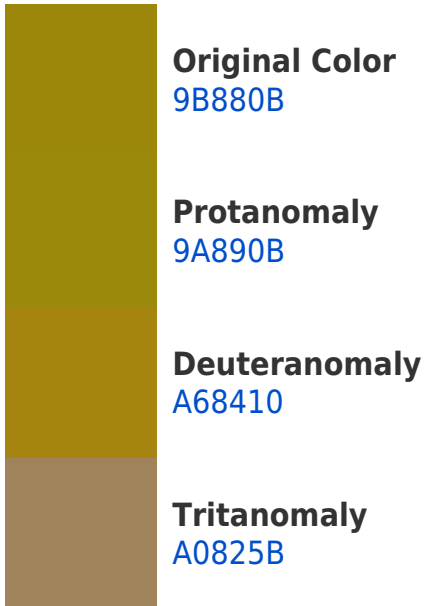
Protanopia
9A890B

Deuteranopia
AC8113

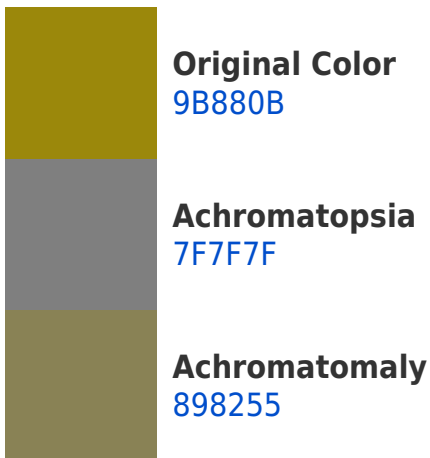


Tritanopia
A37E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B880B 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 #9B880B looks like.

```
.text, #text, p{  
    color:#9B880B  
}
```

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 #9B880B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B880B
}
```

Border

The CSS property to change the border of an element to Hex 9B880B 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
#9B880B }
```

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

```
.border{ border-color:#9B880B }
```

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

Here you see how a box with a 4 pixel #9B880B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B880B; -webkit-box-shadow:4px 4px  
4px 4px #9B880B; box-shadow:4px 4px 4px  
4px #9B880B }
```

Background

The CSS property to change the background color of an element to Hex 9B880B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B880B }
```

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

```
.background{ background-color:#9B880B }
```

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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