

Converting Colors

Hex(9B8C23)

Have a look what the booklet for
Hex(9B8C23) contains.

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Color

Hex(9B8C23)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 9B8C23 |
| RGB | 155, 140, 35 |
| RGB Percent | 61%, 55%, 14% |
| CMY | 0.3922, 0.4510, 0.8627 |
| CMYK | 0.00, 0.10, 0.77, 0.39 |
| HSL | 53°, 63%, 37% |
| HSV | 53°, 77%, 61% |
| XYZ | 23.1990, 25.8461, 5.3562 |
| YIQ | 132.5150, 42.6450, -29.4750 |

Conversions

Conversions Part 2

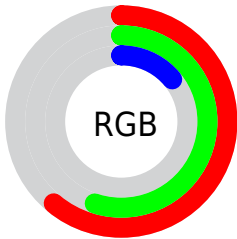
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 52, 155, 35 |
| Decimal | 10193955 |
| CIE Lab | 57.89, -6.02, 54.12 |
| CIE LCh | 58, 54.450, 96.348 |
| Yxy | 25.8461, 0.4264, 0.4751 |
| Android (android.graphics.Color) | 4288384035 (0xFF9B8C23) |
| YUV | 132.5150, -48.0749, 19.7193 |
| Hunter-Lab | 50.8390, -7.5147, 29.3408 |

Details

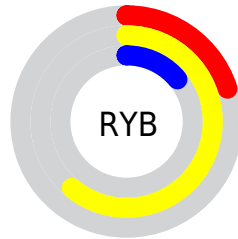
The Hex color **9B8C23** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **23329B**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **D4C158**, and **645A00** is the 20% darker color. If you saturate the color by 10%, you get **9B8A13**, and if you desaturate by 10%, it is **9B8E33**.

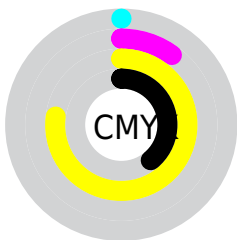
Distribution



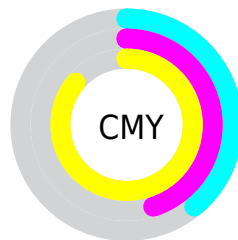
- Red (61%)
- Green (55%)
- Blue (14%)



- Red (20%)
- Yellow (61%)
- Blue (14%)



- Cyan (0%)
- Magenta (10%)
- Yellow (77%)
- Black (39%)



- Cyan (39%)
- Magenta (45%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B8C23 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 9B8C23 by changing the saturation by 10% instead.



9B8C23



9B8C23

FFFFFF



7F7300



D4C158



645A00



F2DD73



4A4300



FFFA8E



302D00



FFFFA9



171900



FFFFC5



000000



FFFFE2



9B8C23



9B8C23



9B8A13



9B8E33

 9B8804

 9B9042

 9B8800

 9B9251

 9B9461

 9B9671

 9B9880

 9B9A8F

 9B9B9F

 9B9DAE

Harmonies

Analogous

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



C27B31



9B8C23



699839

Triad

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



9B8C23



00A1C2



CD67B2

Complementary

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



9B8C23



23329B

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.



9A7AD8



9B8C23



009AE2

Square

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



9B8C23



00A294



388DEA



E15F83

Rectangle

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



9B8C23



3A9E54



388DEA



BF6DC1

Sweetspot

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



9B8C23



C9C49B



9B2333



666249



E6E6E6



666666

Same Dimension

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



9B8C23



C9B20E



6F9B23



4D4C45



8C7B00



0D0B00

Inverse Universe

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



23329B



0E26C9



4F239B



45464D



00128C



00020D

Previews

White Background



This preview shows how the Hex color 9B8C23 looks on a white background.

Color Contrast Check

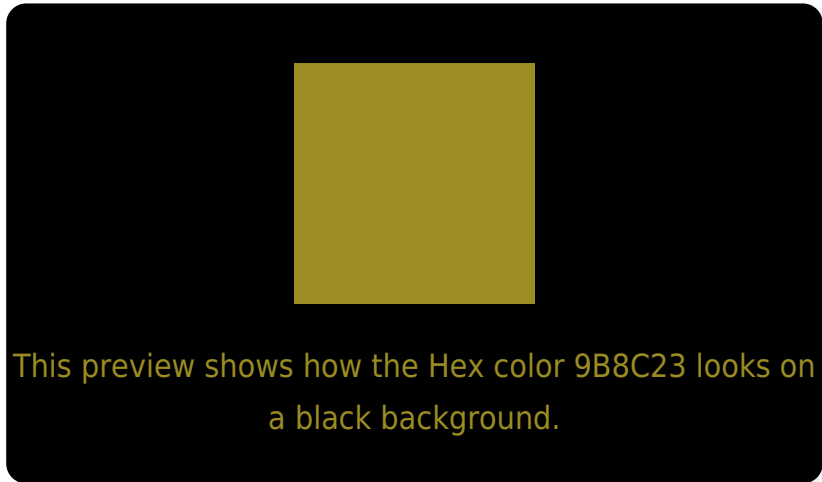
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B8C23 Background



This preview shows how black text looks on a background with the Hex color 9B8C23.



This preview shows how white text looks on a background with the Hex color 9B8C23.

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
9B8C23

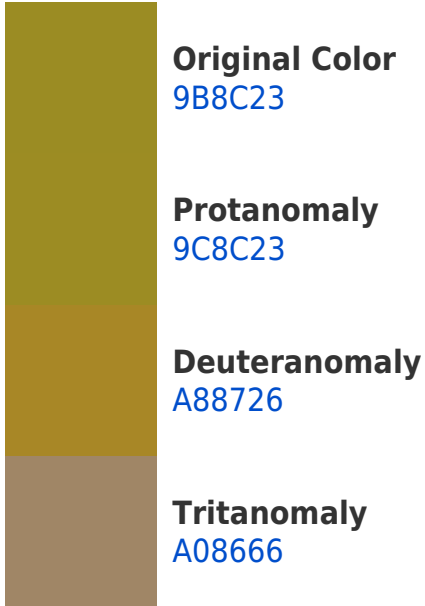
Protanopia
9C8C23

Deuteranopia
AF8427



Tritanopia
A3838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B8C23 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 #9B8C23 looks like.

```
.text, #text, p{  
    color:#9B8C23  
}
```

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 #9B8C23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8C23
}
```

Border

The CSS property to change the border of an element to Hex 9B8C23 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
#9B8C23 }
```

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

```
.border{ border-color:#9B8C23 }
```

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

Here you see how a box with a 4 pixel #9B8C23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8C23; -webkit-box-shadow:4px 4px  
4px 4px #9B8C23; box-shadow:4px 4px 4px  
4px #9B8C23 }
```

Background

The CSS property to change the background color of an element to Hex 9B8C23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8C23 }
```

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

```
.background{ background-color:#9B8C23 }
```

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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