

Converting Colors

Hex(9B8133)

Have a look what the booklet for
Hex(9B8133) contains.

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Color

Hex(9B8133)

Conversions

Conversions Part 1

Format	Color
Hex	9B8133
RGB	155, 129, 51
RGB Percent	61%, 51%, 20%
CMY	0.3922, 0.4941, 0.8000
CMYK	0.00, 0.17, 0.67, 0.39
HSL	45°, 50%, 40%
HSV	45°, 67%, 61%
XYZ	21.9654, 22.9081, 6.3960
YIQ	127.8820, 40.5340, -18.7460

Conversions

Conversions Part 2

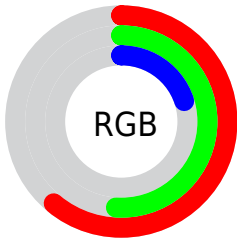
Format	Color
R _Y B	86, 155, 51
Decimal	10191155
CIE Lab	54.98, 0.90, 44.63
CIE LCh	55, 44.638, 88.850
Yxy	22.9081, 0.4284, 0.4468
Android (android.graphics.Color)	4288381235 (0xFF9B8133)
YUV	127.8820, -37.9028, 23.7825
Hunter-Lab	47.8624, -1.8407, 25.5806

Details

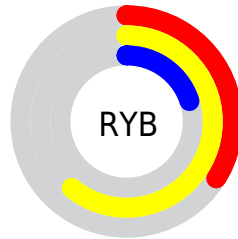
The Hex color **9B8133** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **334D9B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D4B665**, and **645000** is the 20% darker color. If you saturate the color by 10%, you get **9B7D23**, and if you desaturate by 10%, it is **9B8543**.

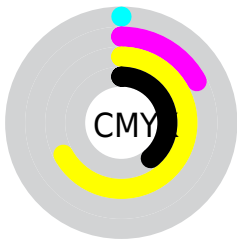
Distribution



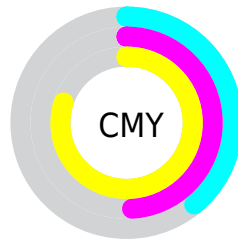
- Red (61%)
- Green (51%)
- Blue (20%)



- Red (34%)
- Yellow (61%)
- Blue (20%)



- Cyan (0%)
- Magenta (17%)
- Yellow (67%)
- Black (39%)



- Cyan (39%)
- Magenta (49%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B8133 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 9B8133 by changing the saturation by 10% instead.



9B8133



9B8133

FFFFFF



7F6819



D4B665



645000



F1D17F



4B3900



FFED9A



312400



FFFFB5



181000



FFFFD1



000000



FFFEE



9B8133



9B8133



9B7D23



9B8543

 9B7914

 9B8952

 9B7505

 9B8D62

 9B7400

 9B9171

 9B9481

 9B9890

 9B9CA0

 9BA0AF

 9BA4BE

Harmonies

Analogous

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



B97342



9B8133



748C3D

Triad

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



9B8133



0096A8



B26BAC

Complementary

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



9B8133



334D9B

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.



837AC7



9B8133



0092C5

Square

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



9B8133



009781



3188D1



C96287

Rectangle

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



9B8133



55924F



3188D1



A570B7

Sweetspot

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



9B8133



C9BFA1



9B334D



66604E



E6E6E6



666666

Same Dimension

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



9B8133



C9A126



819B33



4D4B45



8C6900



0D0A00

Inverse Universe

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



334D9B



264FC9



4D339B



45474D



00238C



00030D

Previews

White Background



This preview shows how the Hex color 9B8133 looks on a white background.

Color Contrast Check

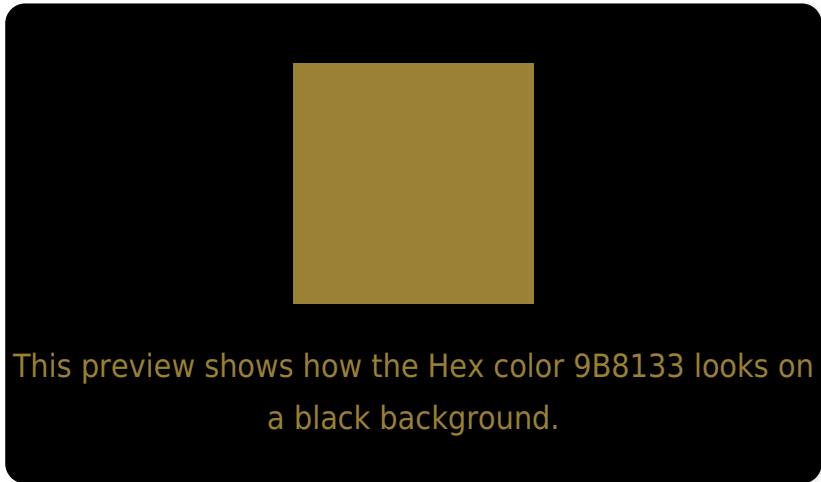
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B8133 Background



This preview shows how black text looks on a background with the Hex color 9B8133.



This preview shows how white text looks on a background with the Hex color 9B8133.

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
9B8133

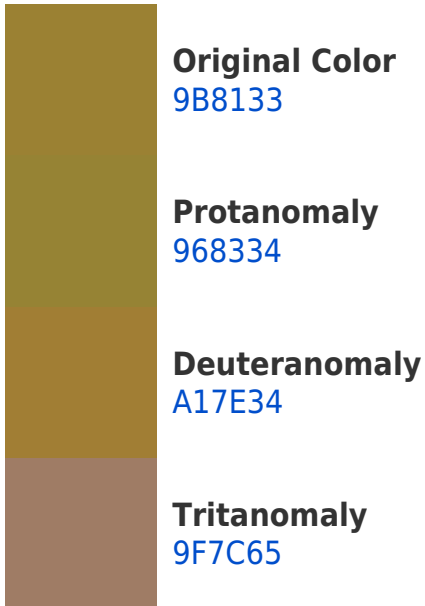
Protanopia
938434

Deuteranopia
A47D34

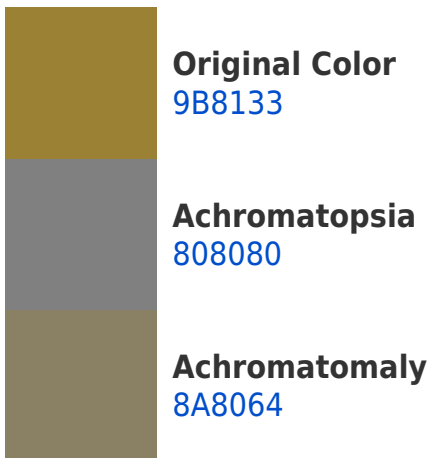


Tritanopia
A17982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B8133 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 #9B8133 looks like.

```
.text, #text, p{  
    color:#9B8133  
}
```

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 #9B8133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8133
}
```

Border

The CSS property to change the border of an element to Hex 9B8133 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
#9B8133 }
```

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

```
.border{ border-color:#9B8133 }
```

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

Here you see how a box with a 4 pixel #9B8133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8133; -webkit-box-shadow:4px 4px  
4px 4px #9B8133; box-shadow:4px 4px 4px  
4px #9B8133 }
```

Background

The CSS property to change the background color of an element to Hex 9B8133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8133 }
```

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

```
.background{ background-color:#9B8133 }
```

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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