

Converting Colors

Hex(9E963B)

Have a look what the booklet for
Hex(9E963B) contains.

Hex(9E963B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9E963B)

Conversions

Conversions Part 1

Format	Color
Hex	9E963B
RGB	158, 150, 59
RGB Percent	62%, 59%, 23%
CMY	0.3804, 0.4118, 0.7686
CMYK	0.00, 0.05, 0.63, 0.38
HSL	55°, 46%, 43%
HSV	55°, 63%, 62%
XYZ	25.7963, 29.3976, 8.4524
YIQ	142.0180, 33.9790, -26.6050

Conversions

Conversions Part 2

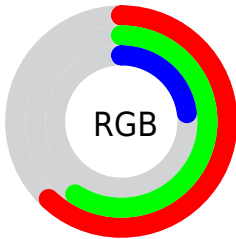
Format	Color
RYB	68, 158, 59
Decimal	10393147
CIELab	61.13, -8.74, 47.67
CIELCh	61, 48.461, 100.385
Yxy	29.3976, 0.4053, 0.4619
Android (android.graphics.Color)	4288583227 (0xFF9E963B)
YUV	142.0180, -40.9279, 14.0162
Hunter-Lab	54.2195, -9.9582, 28.7109

Details

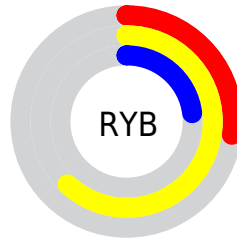
The Hex color **9E963B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3B439E**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D7CC6E**, and **686401** is the 20% darker color. If you saturate the color by 10%, you get **9E952B**, and if you desaturate by 10%, it is **9E974B**.

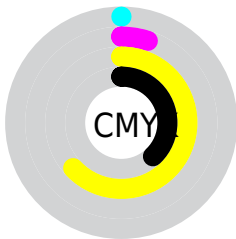
Distribution



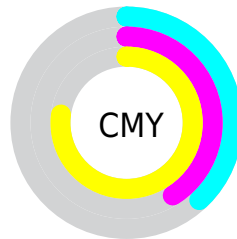
- Red (62%)
- Green (59%)
- Blue (23%)



- Red (27%)
- Yellow (62%)
- Blue (23%)



- Cyan (0%)
- Magenta (5%)
- Yellow (63%)
- Black (38%)



- Cyan (38%)
- Magenta (41%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E963B 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 9E963B by changing the saturation by 10% instead.

 9E963B

 9E963B

FFFFFF

 837C21

 D7CC6E

 686401

 F4E889

 4E4C00

 FFFFA4

 343500

 FFFFBF

 1C2000

 FFFFDC

 000800

 FFFFF9

 000000

 9E963B

 9E963B

 9E952B

 9E974B

■ 9E931B

■ 9E995B

■ 9E920C

■ 9E9A6A

■ 9E9100

■ 9E9B7A

■ 9E9C8A

■ 9E9E9A

■ 9E9FAA

■ 9EA0B9

■ 9EA1C9

Harmonies

Analogous

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



C38742



9E963B



6FA14F

Triad

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



9E963B



00A7CA



D373B1

Complementary

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



9E963B



3B439E

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.



AA82D5



9E963B



00A0E4

Square

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



9E963B



00A9A2



6493E8



E36F86

Rectangle

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



9E963B



47A567



6493E8



C977BF

Sweetspot

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



9E963B



CFCBA7



9E3B43



696751



E8E8E8



696969

Same Dimension

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



9E963B



CFC234



759E3B



4F4E47



8F8300



0F0E00

Inverse Universe

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



3B439E



3440CF



643B9E



47484F



000C8F



00010F

Previews

White Background



This preview shows how the Hex color 9E963B looks on a white background.

Color Contrast Check

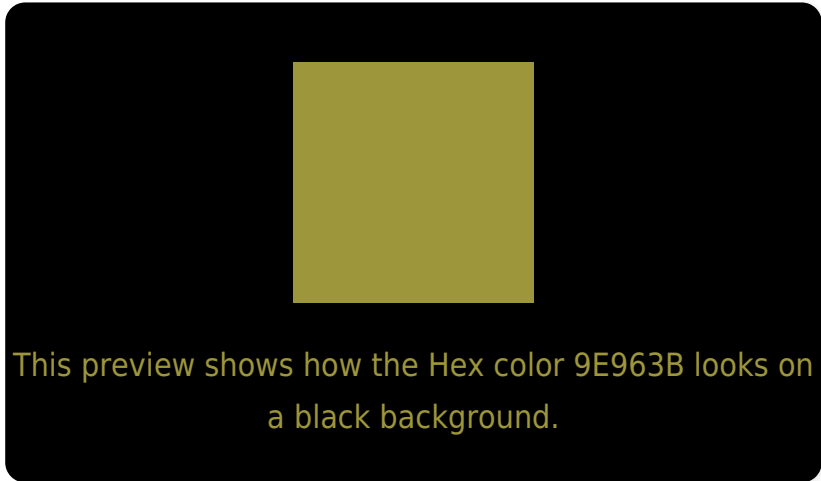
Large Text (above 18pt) WCAG AA ✓ Pass

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

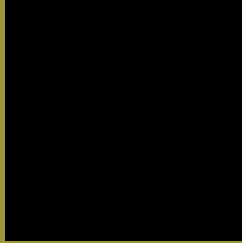
Any Text WCAG AA ✓ Pass

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 9E963B Background



This preview shows how black text looks on a background with the Hex color 9E963B.



This preview shows how white text looks on a background with the Hex color 9E963B.

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
9E963B

Protanopia
A4943A

Deuteranopia
B78C3E

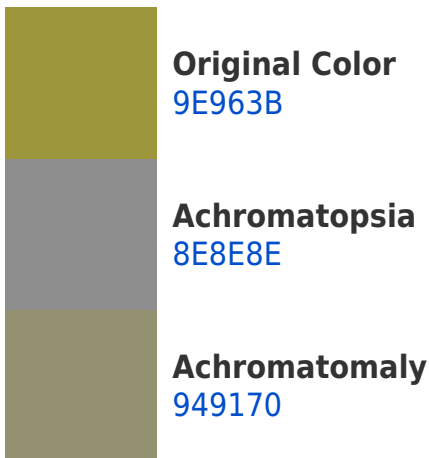


Tritanopia
A68D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E963B 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 #9E963B looks like.

```
.text, #text, p{  
    color:#9E963B  
}
```

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 #9E963B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E963B
}
```

Border

The CSS property to change the border of an element to Hex 9E963B 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
#9E963B }
```

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

```
.border{ border-color:#9E963B }
```

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

Here you see how a box with a 4 pixel #9E963B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E963B; -webkit-box-shadow:4px 4px  
4px 4px #9E963B; box-shadow:4px 4px 4px  
4px #9E963B }
```

Background

The CSS property to change the background color of an element to Hex 9E963B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E963B }
```

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

```
.background{ background-color:#9E963B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor