

Converting Colors

Hex(9E903B)

Have a look what the booklet for
Hex(9E903B) contains.

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Color

Hex(9E903B)

Conversions

Conversions Part 1

Format	Color
Hex	9E903B
RGB	158, 144, 59
RGB Percent	62%, 56%, 23%
CMY	0.3804, 0.4353, 0.7686
CMYK	0.00, 0.09, 0.63, 0.38
HSL	52°, 46%, 43%
HSV	52°, 63%, 62%
XYZ	24.8632, 27.5314, 8.1413
YIQ	138.4960, 35.6290, -23.4670

Conversions

Conversions Part 2

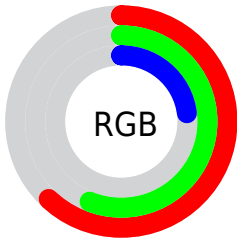
Format	Color
R_{YB}	75, 158, 59
Decimal	10391611
CIE _{Lab}	59.46, -5.50, 45.85
CIE _{LCh}	59, 46.180, 96.837
Yxy	27.5314, 0.4107, 0.4548
Android (android.graphics.Color)	4288581691 (0xFF9E903B)
YUV	138.4960, -39.1915, 17.1050
Hunter-Lab	52.4704, -7.2404, 27.5298

Details

The Hex color **9E903B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3B499E**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **D7C66E**, and **685E03** is the 20% darker color. If you saturate the color by 10%, you get **9E8E2B**, and if you desaturate by 10%, it is **9E924B**.

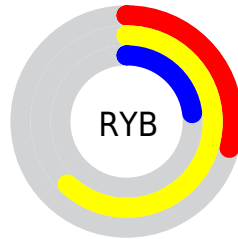
Distribution



Red (62%)

Green (56%)

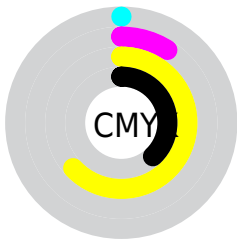
Blue (23%)



Red (29%)

Yellow (62%)

Blue (23%)

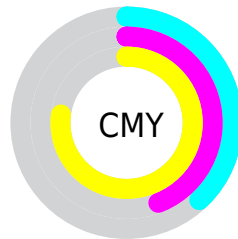


Cyan (0%)

Magenta (9%)

Yellow (63%)

Black (38%)



Cyan (38%)

Magenta (44%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E903B 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 9E903B by changing the saturation by 10% instead.



9E903B



9E903B

FFFFFF



837622



D7C66E



685E03



F4E188



4E4700



FFFEA3



343000



FFFFBF



1C1C00



FFFFDB



000000



FFFFF8



9E903B



9E903B



9E8E2B



9E924B

 9E8C1B

 9E945B

 9E890C

 9E976A

 9E8800

 9E997A

 9E9B8A

 9E9D9A

 9EA0AA

 9EA2B9

 9EA4C9

Harmonies

Analogous

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



C08244



9E903B



739B4B

Triad

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



9E903B



00A2BF



C972B0

Complementary

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



9E903B



3B499E

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.



9E81D0



9E903B



009CD9

Square

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



9E903B



00A498



5990E0



DB6C87

Rectangle

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



9E903B



4FA061



5990E0



BD76BC

Sweetspot

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



9E903B



CFC9A7



9E3B4A



696551



E8E8E8



696969

Same Dimension

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



9E903B



CFB934



7B9E3B



4F4E47



8F7B00



0F0D00

Inverse Universe

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



3B499E



344ACF



5E3B9E



47484F



00148F



00020F

Previews

White Background



This preview shows how the Hex color 9E903B looks on a white background.

Color Contrast Check

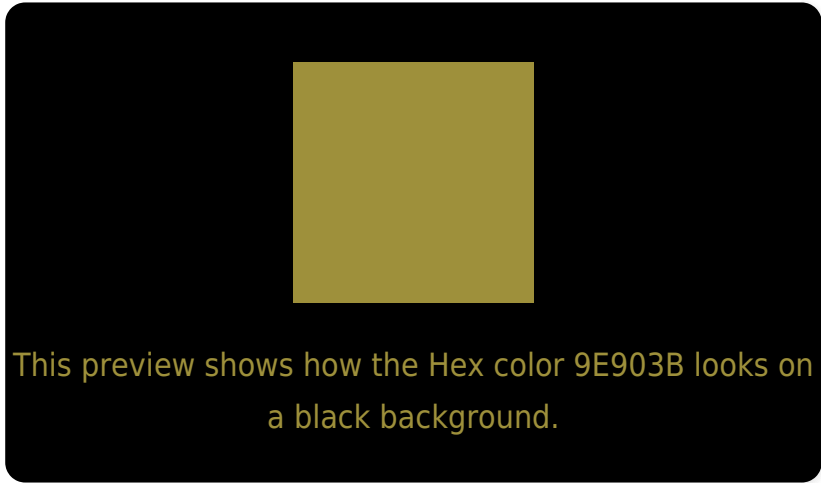
Large Text (above 18pt) WCAG AA ✓ Pass

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

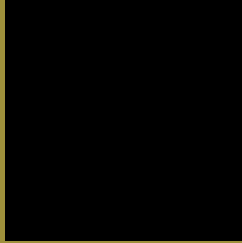
Any Text WCAG AA ✓ Pass

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 9E903B Background



This preview shows how black text looks on a background with the Hex color 9E903B.



This preview shows how white text looks on a background with the Hex color 9E903B.

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
9E903B

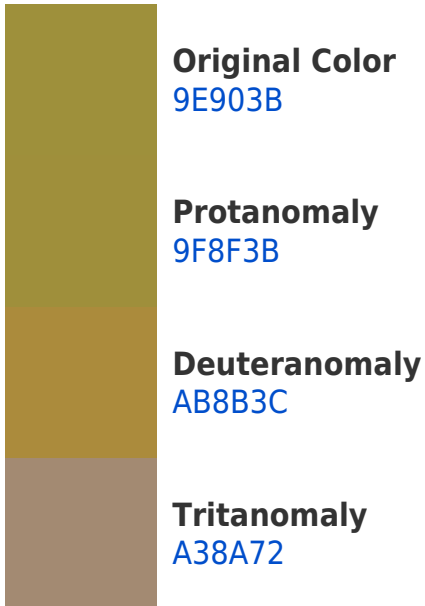
Protanopia
A08F3B

Deuteranopia
B2883D

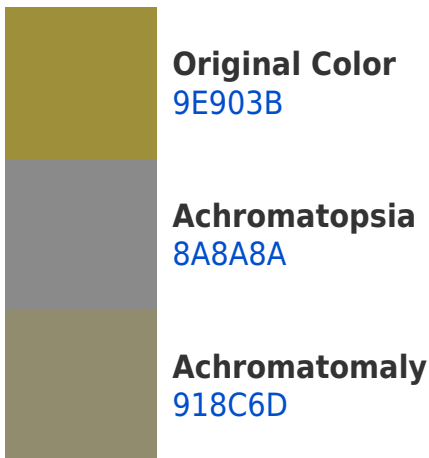


Tritanopia
A68792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E903B 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 #9E903B looks like.

```
.text, #text, p{  
    color:#9E903B  
}
```

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 #9E903B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E903B
}
```

Border

The CSS property to change the border of an element to Hex 9E903B 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
#9E903B }
```

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

```
.border{ border-color:#9E903B }
```

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

Here you see how a box with a 4 pixel #9E903B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E903B; -webkit-box-shadow:4px 4px  
4px 4px #9E903B; box-shadow:4px 4px 4px  
4px #9E903B }
```

Background

The CSS property to change the background color of an element to Hex 9E903B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E903B }
```

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

```
.background{ background-color:#9E903B }
```

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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