

Converting Colors

Hex(9E932A)

Have a look what the booklet for
Hex(9E932A) contains.

Hex(9E932A)	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(9E932A)

Conversions

Conversions Part 1

Format	Color
Hex	9E932A
RGB	158, 147, 42
RGB Percent	62%, 58%, 16%
CMY	0.3804, 0.4235, 0.8353
CMYK	0.00, 0.07, 0.73, 0.38
HSL	54°, 58%, 39%
HSV	54°, 73%, 62%
XYZ	24.9522, 28.3037, 6.3385
YIQ	138.3190, 40.2610, -30.3230

Conversions

Conversions Part 2

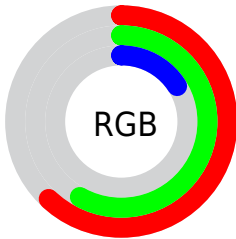
Format	Color
R_{YB}	54, 158, 42
Decimal	10392362
CIE _{Lab}	60.16, -8.13, 53.80
CIE _{LCh}	60, 54.412, 98.593
Yxy	28.3037, 0.4187, 0.4749
Android (android.graphics.Color)	4288582442 (0xFF9E932A)
YUV	138.3190, -47.4853, 17.2602
Hunter-Lab	53.2012, -9.3829, 30.1769

Details

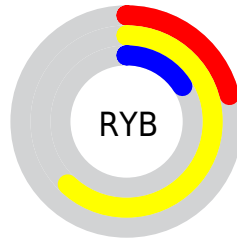
The Hex color **9E932A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2A359E**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **D7C95F**, and **676100** is the 20% darker color. If you saturate the color by 10%, you get **9E921A**, and if you desaturate by 10%, it is **9E943A**.

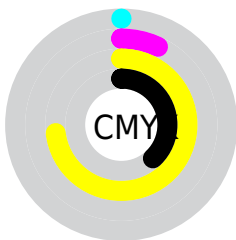
Distribution



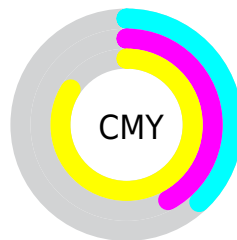
- Red (62%)
- Green (58%)
- Blue (16%)



- Red (21%)
- Yellow (62%)
- Blue (16%)



- Cyan (0%)
- Magenta (7%)
- Yellow (73%)
- Black (38%)



- Cyan (38%)
- Magenta (42%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E932A 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 9E932A by changing the saturation by 10% instead.



9E932A



9E932A

FFFFFF



827909



D7C95F



676100



F5E579



4D4900



FFFF94



333300



FFFFB0



1A1E00



FFF9CC



000100



FFFFE9



000000



9E932A



9E932A



9E921A



9E943A

 9E900A

 9E964A

 9E8F00

 9E9759

 9E9969

 9E9A79

 9E9C89

 9E9D99

 9E9FA8

 9EA0B8

Harmonies

Analogous

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



C78235



9E932A



6B9F42

Triad

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



9E932A



00A7CC



D66CB5

Complementary

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



9E932A



2A359E

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.



A67FDC



9E932A



009FEA

Square

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



9E932A



00A89E



4C92F0



E96585

Rectangle

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



9E932A



3AA45D



4C92F0



C971C4

Sweetspot

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



9E932A



CFCAA1



9E2A36



69664D



E8E8E8



696969

Same Dimension

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



9E932A



CFBD19



709E2A



4F4E47



8F8100



0F0E00

Inverse Universe

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



2A359E



192ACF



582A9E



47484F



000E8F



00010F

Previews

White Background



This preview shows how the Hex color 9E932A 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 9E932A Background



This preview shows how black text looks on a background with the Hex color 9E932A.



This preview shows how white text looks on a background with the Hex color 9E932A.

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
9E932A

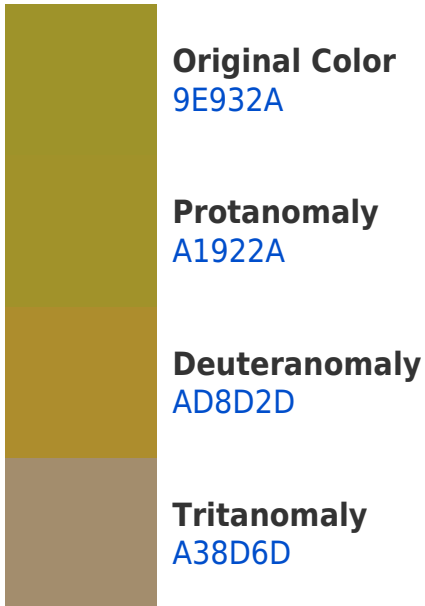
Protanopia
A3912A

Deuteranopia
B68A2E

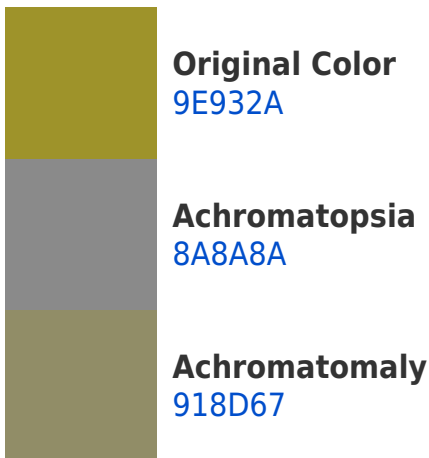


Tritanopia
A68994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E932A 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 #9E932A looks like.

```
.text, #text, p{  
    color:#9E932A  
}
```

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 #9E932A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E932A
}
```

Border

The CSS property to change the border of an element to Hex 9E932A 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
#9E932A }
```

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

```
.border{ border-color:#9E932A }
```

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

Here you see how a box with a 4 pixel #9E932A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E932A; -webkit-box-shadow:4px 4px  
4px 4px #9E932A; box-shadow:4px 4px 4px  
4px #9E932A }
```

Background

The CSS property to change the background color of an element to Hex 9E932A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E932A }
```

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

```
.background{ background-color:#9E932A }
```

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