

Converting Colors

Hex(9B9E32)

Have a look what the booklet for
Hex(9B9E32) contains.

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Color

Hex(9B9E32)

Conversions

Conversions Part 1

Format	Color
Hex	9B9E32
RGB	155, 158, 50
RGB Percent	61%, 62%, 20%
CMY	0.3922, 0.3804, 0.8039
CMYK	0.02, 0.00, 0.68, 0.38
HSL	62°, 52%, 41%
HSV	62°, 68%, 62%
XYZ	26.3202, 31.6526, 7.7399
YIQ	144.7910, 32.8800, -34.2240

Conversions

Conversions Part 2

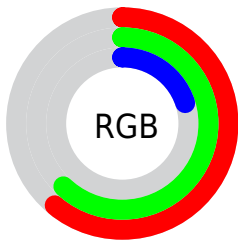
Format	Color
RYB	50, 158, 53
Decimal	10198578
CIELab	63.05, -14.85, 53.45
CIELCh	63, 55.477, 105.528
Yxy	31.6526, 0.4005, 0.4817
Android (android.graphics.Color)	4288388658 (0xFF9B9E32)
YUV	144.7910, -46.7320, 8.9533
Hunter-Lab	56.2606, -14.9492, 31.2257

Details

The Hex color **9B9E32** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **35329E**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **D4D467**, and **656B00** is the 20% darker color. If you saturate the color by 10%, you get **9B9E22**, and if you desaturate by 10%, it is **9B9E42**.

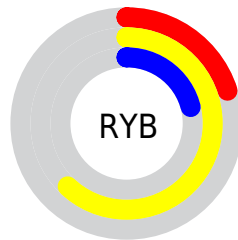
Distribution



Red (61%)

Green (62%)

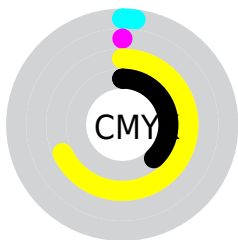
Blue (20%)



Red (20%)

Yellow (62%)

Blue (21%)

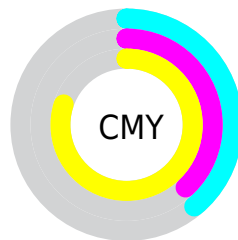


Cyan (2%)

Magenta (0%)

Yellow (68%)

Black (38%)



Cyan (39%)

Magenta (38%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B9E32 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 9B9E32 by changing the saturation by 10% instead.



9B9E32



9B9E32

FFFFFF



7F8414



D4D467



656B00



F1F181



4B5300



FFFF9D



313C00



FFFFB8



182600



FFFFD5



001300



FFFFF2



000000



9B9E32



9B9E32



9B9E22



9B9E42

■ 9A9E12

■ 9C9E52

■ 9A9E03

■ 9C9E61

■ 9A9E00

■ 9D9E71

■ 9D9E81

■ 9E9E91

■ 9E9EA1

■ 9F9EB0

■ 9F9EC0

Harmonies

Analogous

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



C78D35



9B9E32



63A950

Triad

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



9B9E32



00AEDE



E770B3

Complementary

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



9B9E32



35329E

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.



BC81DE



9B9E32



00A5F8

Square

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



9B9E32



00B1B1



6F95F8



F46D81

Rectangle

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



9B9E32



24AE6E



6F95F8



DC74C2

Sweetspot

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



9B9E32



CDCFA3



9E3432



68694E



E8E8E8



696969

Same Dimension

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



9B9E32



CACF25



669E32



4F4F47



8B8F00



0F0F00

Inverse Universe

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



35329E



2A25CF



6A329E



47474F



04008F



00000F

Previews

White Background



This preview shows how the Hex color 9B9E32 looks on a white background.

Color Contrast Check

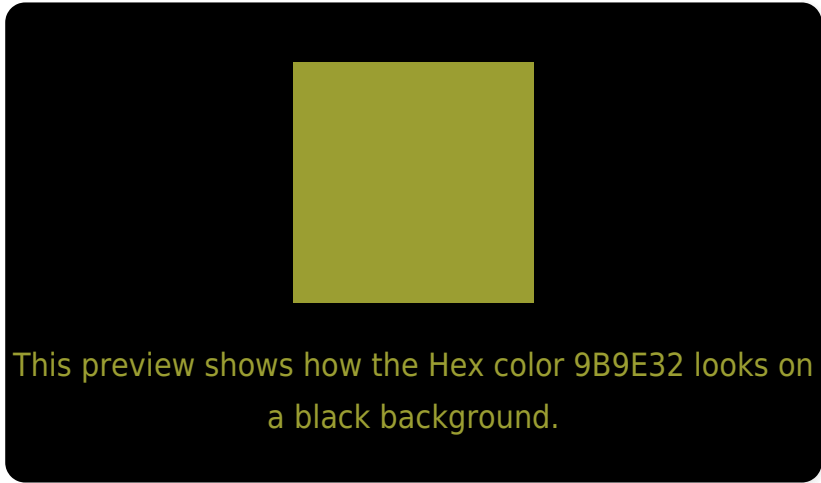
Large Text (above 18pt) WCAG AA × Fail

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

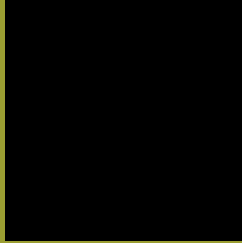
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9B9E32 Background



This preview shows how black text looks on a background with the Hex color 9B9E32.



This preview shows how white text looks on a background with the Hex color 9B9E32.

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
9B9E32

Protanopia
AB9931

Deuteranopia
BE9137



Tritanopia
A5949F

Trichromacy



Original Color
9B9E32

Protanomaly
A59B31

Deuteranomaly
B19635

Tritanomaly
A19877

Monochromacy



Original Color
9B9E32

Achromatopsia
919191

Achromatomaly
95966E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B9E32 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 #9B9E32 looks like.

```
.text, #text, p{  
    color:#9B9E32  
}
```

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 #9B9E32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B9E32
}
```

Border

The CSS property to change the border of an element to Hex 9B9E32 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
#9B9E32 }
```

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

```
.border{ border-color:#9B9E32 }
```

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

Here you see how a box with a 4 pixel #9B9E32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B9E32; -webkit-box-shadow:4px 4px  
4px 4px #9B9E32; box-shadow:4px 4px 4px  
4px #9B9E32 }
```

Background

The CSS property to change the background color of an element to Hex 9B9E32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B9E32 }
```

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

```
.background{ background-color:#9B9E32 }
```

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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