

Converting Colors

Hex(9C9E50)

Have a look what the booklet for
Hex(9C9E50) contains.

Hex(9C9E50)	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(9C9E50)

Conversions

Conversions Part 1

Format	Color
Hex	9C9E50
RGB	156, 158, 80
RGB Percent	61%, 62%, 31%
CMY	0.3882, 0.3804, 0.6863
CMYK	0.01, 0.00, 0.49, 0.38
HSL	62°, 33%, 47%
HSV	62°, 49%, 62%
XYZ	27.3851, 32.1008, 12.3421
YIQ	148.5100, 23.8460, -24.6820

Conversions

Conversions Part 2

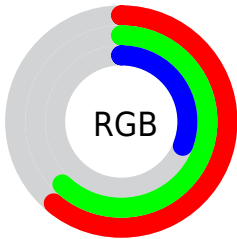
Format	Color
RYB	80, 158, 82
Decimal	10264144
CIELab	63.43, -12.11, 40.15
CIELCh	63, 41.937, 106.791
Yxy	32.1008, 0.3813, 0.4469
Android (android.graphics.Color)	4288454224 (0xFF9C9E50)
YUV	148.5100, -33.7754, 6.5687
Hunter-Lab	56.6576, -12.8738, 26.7447

Details

The Hex color **9C9E50** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **52509E**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D4D483**, and **676B1F** is the 20% darker color. If you saturate the color by 10%, you get **9C9E40**, and if you desaturate by 10%, it is **9C9E60**.

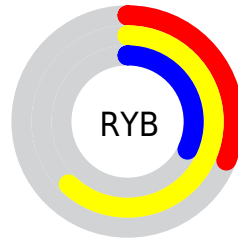
Distribution



Red (61%)

Green (62%)

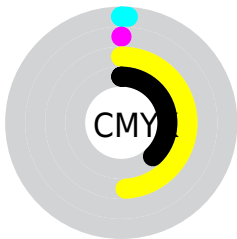
Blue (31%)



Red (31%)

Yellow (62%)

Blue (32%)

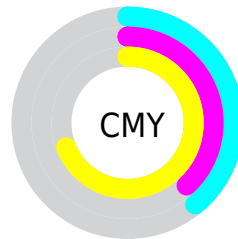


Cyan (1%)

Magenta (0%)

Yellow (49%)

Black (38%)



Cyan (39%)

Magenta (38%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C9E50 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 9C9E50 by changing the saturation by 10% instead.



9C9E50



9C9E50

FFFFFF



818437



D4D483



676B1F



F1F19E



4D5303



FFFFB9



363C00



FFFFD5



1D2600



FFFFF2



001300



000000



9C9E50



9C9E50



9C9E40



9C9E60

 9B9E30

 9D9E70

 9B9E21

 9D9E7F

 9A9E11

 9E9E8F

 9A9E01

 9E9E9F

 9A9E00

 9E9EAF

 9F9EBF

 9F9ECE

 A09EDE

Harmonies

Analogous

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



BF9250



9C9E50



72A765

Triad

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



9C9E50



00AACF



D77DAC

Complementary

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



9C9E50



52509E

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.



B788CD



9C9E50



33A2E2

Square

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



9C9E50



00ADAE



8396E1



E17C86

Rectangle

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



9C9E50



4FAB7B



8396E1



CF80B8

Sweetspot

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



9C9E50



CECFB0



9E5150



686956



E8E8E8



696969

Same Dimension

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



9C9E50



CBCF55



769E50



4F4F47



8B8F00



0F0F00

Inverse Universe

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



52509E



5855CF



78509E



47474F



04008F



00000F

Previews

White Background



This preview shows how the Hex color 9C9E50 looks on a white background.

Color Contrast Check

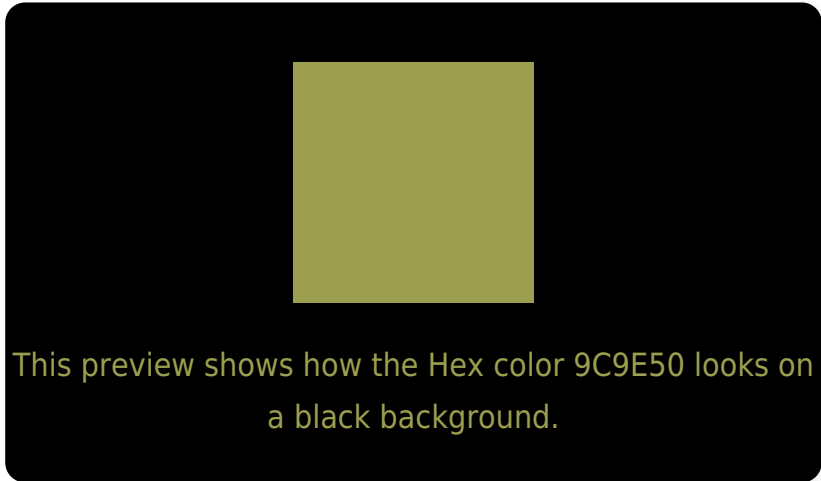
Large Text (above 18pt) WCAG AA × Fail

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

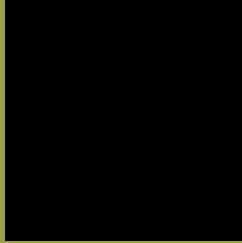
Any Text WCAG AA ✓ Pass

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 9C9E50 Background



This preview shows how black text looks on a background with the Hex color 9C9E50.



This preview shows how white text looks on a background with the Hex color 9C9E50.

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
9C9E50

Protanopia
A99A4F

Deuteranopia
BC9253



Tritanopia
A595A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C9E50 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 #9C9E50 looks like.

```
.text, #text, p{  
    color:#9C9E50  
}
```

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 #9C9E50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C9E50
}
```

Border

The CSS property to change the border of an element to Hex 9C9E50 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
#9C9E50 }
```

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

```
.border{ border-color:#9C9E50 }
```

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

Here you see how a box with a 4 pixel #9C9E50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C9E50; -webkit-box-shadow:4px 4px  
4px 4px #9C9E50; box-shadow:4px 4px 4px  
4px #9C9E50 }
```

Background

The CSS property to change the background color of an element to Hex 9C9E50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C9E50 }
```

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

```
.background{ background-color:#9C9E50 }
```

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