

Converting Colors

Hex(969F51)

Have a look what the booklet for
Hex(969F51) contains.

Hex(969F51)	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(969F51)

Conversions

Conversions Part 1

Format	Color
Hex	969F51
RGB	150, 159, 81
RGB Percent	59%, 62%, 32%
CMY	0.4118, 0.3765, 0.6824
CMYK	0.06, 0.00, 0.49, 0.38
HSL	67°, 32%, 47%
HSV	67°, 49%, 62%
XYZ	26.4610, 31.8744, 12.5423
YIQ	147.4170, 19.6740, -26.1660

Conversions

Conversions Part 2

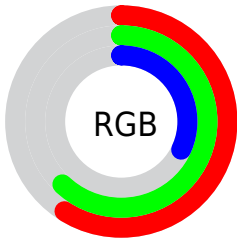
Format	Color
RYB	81, 159, 90
Decimal	9871185
CIELab	63.24, -15.07, 39.31
CIELCh	63, 42.094, 110.970
Yxy	31.8744, 0.3733, 0.4497
Android (android.graphics.Color)	4288061265 (0xFF969F51)
YUV	147.4170, -32.7436, 2.2653
Hunter-Lab	56.4574, -15.1393, 26.3486

Details

The Hex color **969F51** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5A519F**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **CED684**, and **616C20** is the 20% darker color. If you saturate the color by 10%, you get **949F41**, and if you desaturate by 10%, it is **989F61**.

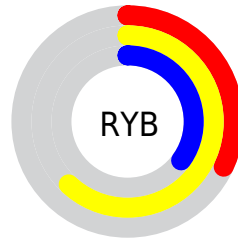
Distribution



Red (59%)

Green (62%)

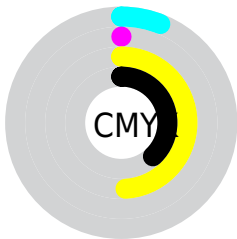
Blue (32%)



Red (32%)

Yellow (62%)

Blue (35%)

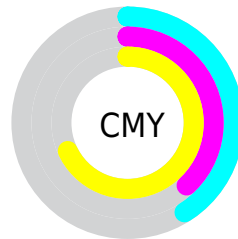


Cyan (6%)

Magenta (0%)

Yellow (49%)

Black (38%)



Cyan (41%)

Magenta (38%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 969F51 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 969F51 by changing the saturation by 10% instead.

 969F51

 969F51

FFFFFF

 7B8538


 CED684

 616C20

 EAF29F

 485304

 FFFFBA

 313C00

 FFFFD6

 182700

 FFFFF3

 001300

 000000

 969F51

 969F51

 949F41

 989F61

■ 929F31

■ 9A9F71

■ 909F21

■ 9C9F81

■ 8F9F11

■ 9D9F91

■ 8D9F01

■ 9F9FA1

■ 8D9F00

■ A19FB0

■ A39FC0

■ A59FD0

■ A79FE0

Harmonies

Analogous

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



BA934E



969F51



6AA768

Triad

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



969F51



00A9D2



D97CA6

Complementary

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



969F51



5A519F

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.



BD85C9



969F51



40A0E3

Square

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



969F51



00ACB3



8B94DF



E17C80

Rectangle

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



969F51



46AB7F



8B94DF



D27EB2

Sweetspot

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



969F51



CBCFB0



9F5951



666956



E8E8E8



696969

Same Dimension

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



969F51



C0CF55



709F51



4E4F47



7E8F00



0E0F00

Inverse Universe

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



5A519F



6355CF



80519F



48474F



10008F



02000F

Previews

White Background



This preview shows how the Hex color 969F51 looks on a white background.

Color Contrast Check

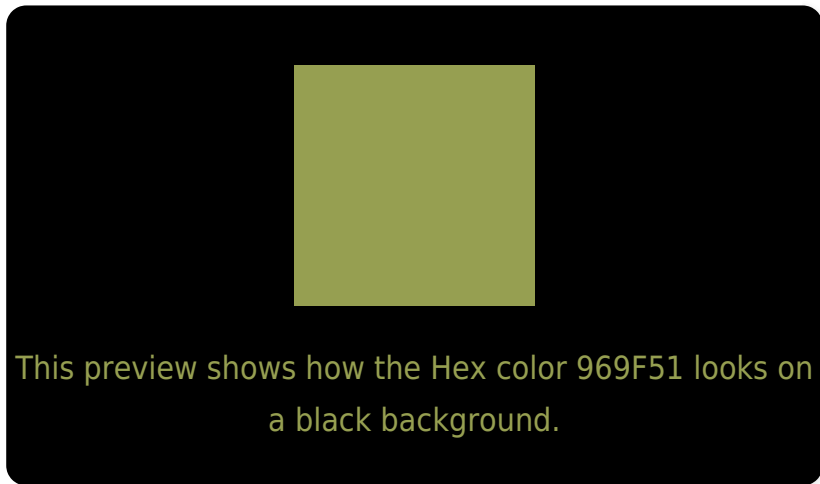
Large Text (above 18pt) WCAG AA × Fail

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 969F51 Background



This preview shows how black text looks on a background with the Hex color 969F51.



This preview shows how white text looks on a background with the Hex color 969F51.

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](#).

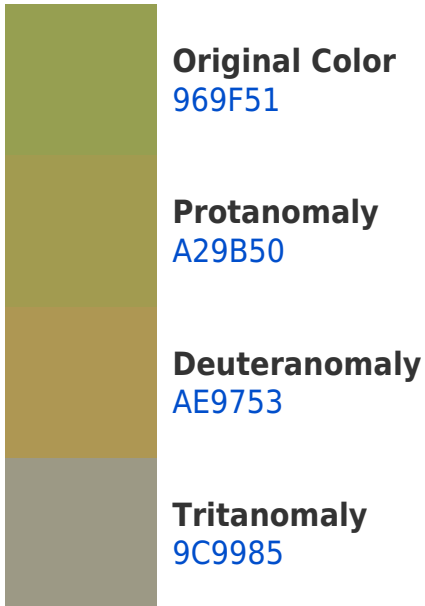
Dichromacy



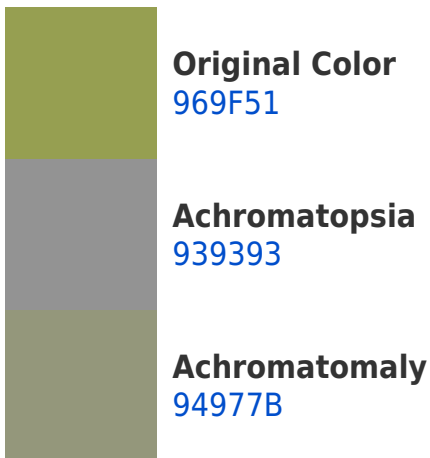


Tritanopia
9F96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 969F51 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 #969F51 looks like.

```
.text, #text, p{  
    color:#969F51  
}
```

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 #969F51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #969F51
}
```

Border

The CSS property to change the border of an element to Hex 969F51 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
#969F51 }
```

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

```
.border{ border-color:#969F51 }
```

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

Here you see how a box with a 4 pixel #969F51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #969F51; -webkit-box-shadow:4px 4px  
4px 4px #969F51; box-shadow:4px 4px 4px  
4px #969F51 }
```

Background

The CSS property to change the background color of an element to Hex 969F51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#969F51 }
```

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

```
.background{ background-color:#969F51 }
```

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