

Converting Colors

Hex(9F9871)

Have a look what the booklet for
Hex(9F9871) contains.

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Color

Hex(9F9871)

Conversions

Conversions Part 1

Format	Color
Hex	9F9871
RGB	159, 152, 113
RGB Percent	62%, 60%, 44%
CMY	0.3765, 0.4039, 0.5569
CMYK	0.00, 0.04, 0.29, 0.38
HSL	51°, 19%, 53%
HSV	51°, 29%, 62%
XYZ	28.5069, 31.0197, 20.1077
YIQ	149.6470, 16.6910, -10.6450

Conversions

Conversions Part 2

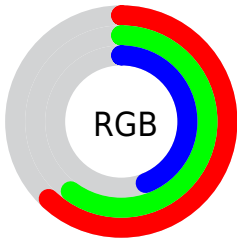
Format	Color
RYB	121, 159, 113
Decimal	10459249
CIELab	62.52, -3.78, 21.49
CIELCh	63, 21.823, 99.969
Yxy	31.0197, 0.3580, 0.3895
Android (android.graphics.Color)	4288649329 (0xFF9F9871)
YUV	149.6470, -18.0670, 8.2026
Hunter-Lab	55.6953, -6.1037, 17.5812

Details

The Hex color **9F9871** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **71789F**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D6CEA5**, and **6B6541** is the 20% darker color. If you saturate the color by 10%, you get **9F9661**, and if you desaturate by 10%, it is **9F9A81**.

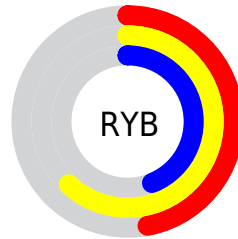
Distribution



Red (62%)

Green (60%)

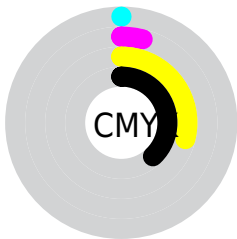
Blue (44%)



Red (47%)

Yellow (62%)

Blue (44%)

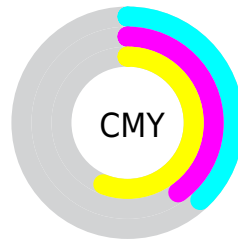


Cyan (0%)

Magenta (4%)

Yellow (29%)

Black (38%)



Cyan (38%)

Magenta (40%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F9871 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 9F9871 by changing the saturation by 10% instead.



9F9871



9F9871

FFFFFF



857E58



D6CEA5



6B6541



F3EAC0



524D2A



FFFFDC



3A3715



FFFFF9



252100



040C00



000000



9F9871



9F9871



9F9661



9F9A81

■ 9F9351

■ 9F9D91

■ 9F9141

■ 9F9FA1

■ 9F8E31

■ 9FA2B1

■ 9F8C21

■ 9FA4C1

■ 9F8912

■ 9FA7D0

■ 9F8702

■ 9FA9E0

■ 9F8700

■ 9FABF0

■ 9FAEFF

Harmonies

Analogous

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



B19273



9F9871



899E79

Triad

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



9F9871



60A1AF



B68BA5

Complementary

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



9F9871



71789F

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.



A290B5



9F9871



6F9DBB

Square

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



9F9871



63A29D



8997BD



BE8991

Rectangle

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



9F9871



7BA083



8997BD



B08CAB

Sweetspot

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



9F9871



CFCCBC



9F7179



69675D



E8E8E8



696969

Same Dimension

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



9F9871



CFC486



909F71



4F4E47



8F7900



0F0D00

Inverse Universe

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



71789F



8691CF



80719F



47484F



00168F



00020F

Previews

White Background



This preview shows how the Hex color 9F9871 looks on a white background.

Color Contrast Check

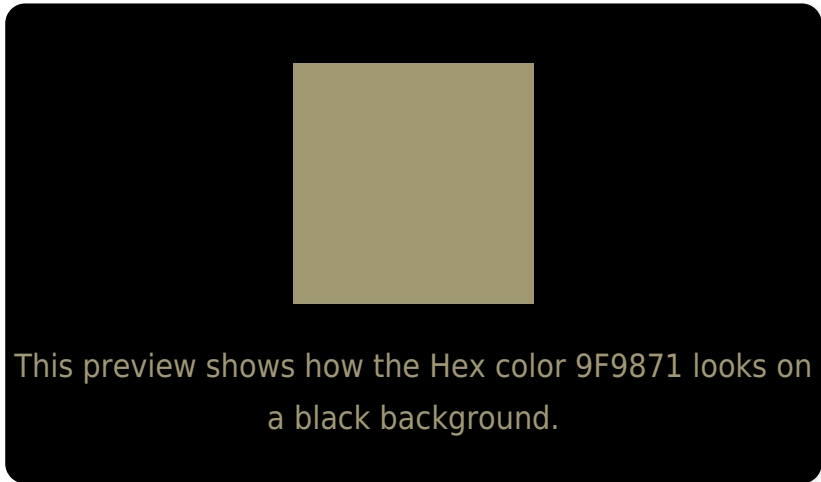
Large Text (above 18pt) WCAG AA × Fail

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

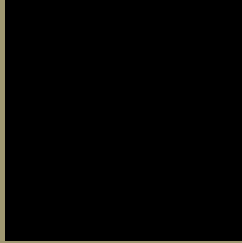
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

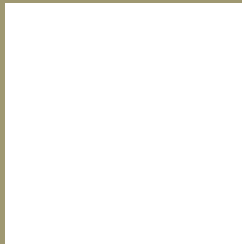
Any Text WCAG AAA ✓ Pass

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

Hex 9F9871 Background



This preview shows how black text looks on a background with the Hex color 9F9871.



This preview shows how white text looks on a background with the Hex color 9F9871.

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
9F9871

Protanopia
A29771

Deuteranopia
B29172



Tritanopia
A4929E

Trichromacy



Original Color
9F9871

Protanomaly
A19771

Deuteranomaly
AB9472

Tritanomaly
A2948E

Monochromacy



Original Color
9F9871

Achromatopsia
969696

Achromatomaly
999789

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F9871 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 #9F9871 looks like.

```
.text, #text, p{  
    color:#9F9871  
}
```

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 #9F9871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F9871
}
```

Border

The CSS property to change the border of an element to Hex 9F9871 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
#9F9871 }
```

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

```
.border{ border-color:#9F9871 }
```

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

Here you see how a box with a 4 pixel #9F9871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F9871; -webkit-box-shadow:4px 4px  
4px 4px #9F9871; box-shadow:4px 4px 4px  
4px #9F9871 }
```

Background

The CSS property to change the background color of an element to Hex 9F9871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F9871 }
```

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

```
.background{ background-color:#9F9871 }
```

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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