

Converting Colors

Hex(9C8871)

Have a look what the booklet for
Hex(9C8871) contains.

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Color

Hex(9C8871)

Conversions

Conversions Part 1

Format	Color
Hex	9C8871
RGB	156, 136, 113
RGB Percent	61%, 53%, 44%
CMY	0.3882, 0.4667, 0.5569
CMYK	0.00, 0.13, 0.28, 0.39
HSL	32°, 18%, 53%
HSV	32°, 28%, 61%
XYZ	25.4951, 25.8685, 19.2722
YIQ	139.3580, 19.3030, -2.9130

Conversions

Conversions Part 2

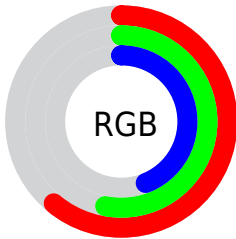
Format	Color
R_{YB}	150, 156, 113
Decimal	10258545
CIE _{Lab}	57.91, 3.87, 15.14
CIE _{LCh}	58, 15.629, 75.649
Yxy	25.8685, 0.3609, 0.3662
Android (android.graphics.Color)	4288448625 (0xFF9C8871)
YUV	139.3580, -12.9945, 14.5950
Hunter-Lab	50.8611, 0.4697, 13.1367

Details

The Hex color **9C8871** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **71859C**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **D3BDA5**, and **685641** is the 20% darker color. If you saturate the color by 10%, you get **9C8161**, and if you desaturate by 10%, it is **9C8F81**.

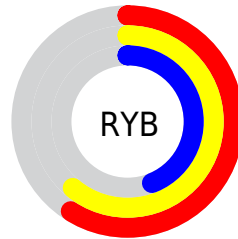
Distribution



Red (61%)

Green (53%)

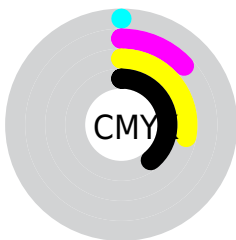
Blue (44%)



Red (59%)

Yellow (61%)

Blue (44%)

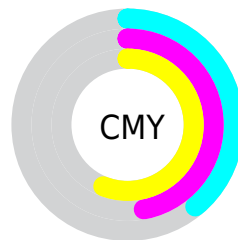


Cyan (0%)

Magenta (13%)

Yellow (28%)

Black (39%)



Cyan (39%)

Magenta (47%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C8871 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 9C8871 by changing the saturation by 10% instead.



9C8871



9C8871

FFFFFF



826F58



D3BDA5



685641



F0D9C0



4F3F2B



FFF5DC



382916



FFFFF8



231500



000000



9C8871



9C8871



9C8161



9C8F81



9C7952



9C9790

 9C7242

 9C9EA0

 9C6B33

 9CA5AF

 9C6423

 9CACBF

 9C5C13

 9CB4CF

 9C5504

 9CBBDE

 9C5300

 9CC2EE

 9CC9FD

Harmonies

Analogous

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



A58478



9C8871



8E8D71

Triad

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



9C8871



679392



96859E

Complementary

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



9C8871



71859C

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.



858AA5



9C8871



68929E

Square

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



9C8871



709384



748EA5



A38292

Rectangle

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



9C8871



848F75



748EA5



9187A1

Sweetspot

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



9C8871



CCC4BC



9C7185



66615C



E6E6E6



666666

Same Dimension

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



9C8871



CCAD89



9B9C71



4F4B47



8F4C00



0F0800

Inverse Universe

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



71859C



89A8CC



72719C



474B4F



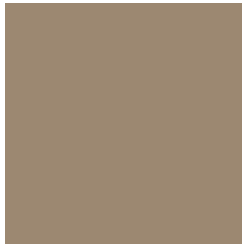
00428F



00070F

Previews

White Background



This preview shows how the Hex color 9C8871 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

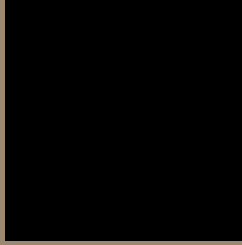
Any Text WCAG AA ✓ Pass

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 9C8871 Background



This preview shows how black text looks on a background with the Hex color 9C8871.



This preview shows how white text looks on a background with the Hex color 9C8871.

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
9C8871

Protanopia
938B72

Deuteranopia
A28671



Tritanopia
9F848E

Trichromacy



Original Color
9C8871

Protanomaly
968A72

Deuteranomaly
A08771

Tritanomaly
9E8583

Monochromacy



Original Color
9C8871

Achromatopsia
8B8B8B

Achromatomaly
918A82

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C8871 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 #9C8871 looks like.

```
.text, #text, p{  
    color:#9C8871  
}
```

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 #9C8871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C8871
}
```

Border

The CSS property to change the border of an element to Hex 9C8871 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
#9C8871 }
```

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

```
.border{ border-color:#9C8871 }
```

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

Here you see how a box with a 4 pixel #9C8871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C8871; -webkit-box-shadow:4px 4px  
4px 4px #9C8871; box-shadow:4px 4px 4px  
4px #9C8871 }
```

Background

The CSS property to change the background color of an element to Hex 9C8871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C8871 }
```

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

```
.background{ background-color:#9C8871 }
```

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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