

Converting Colors

Hex(9CA271)

Have a look what the booklet for
Hex(9CA271) contains.

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Color

Hex(9CA271)

Conversions

Conversions Part 1

Format	Color
Hex	9CA271
RGB	156, 162, 113
RGB Percent	61%, 64%, 44%
CMY	0.3882, 0.3647, 0.5569
CMYK	0.04, 0.00, 0.30, 0.36
HSL	67°, 21%, 54%
HSV	67°, 30%, 64%
XYZ	29.6113, 34.1008, 20.6442
YIQ	154.6200, 12.1530, -16.5110

Conversions

Conversions Part 2

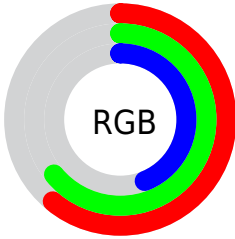
Format	Color
RYB	113, 162, 119
Decimal	10265201
CIELab	65.04, -10.37, 24.83
CIELCh	65, 26.908, 112.658
Yxy	34.1008, 0.3510, 0.4042
Android (android.graphics.Color)	4288455281 (0xFF9CA271)
YUV	154.6200, -20.5187, 1.2103
Hunter-Lab	58.3959, -11.6795, 19.9168

Details

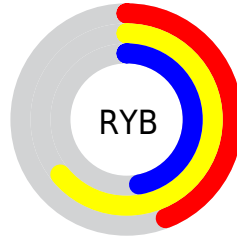
The Hex color **9CA271** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7771A2**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D3D9A5**, and **686E40** is the 20% darker color. If you saturate the color by 10%, you get **9AA261**, and if you desaturate by 10%, it is **9EA281**.

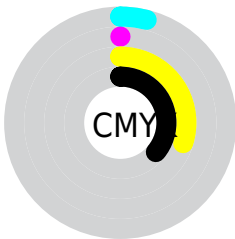
Distribution



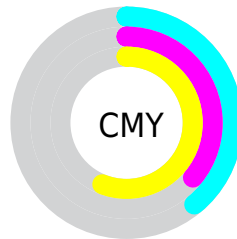
- Red (61%)
- Green (64%)
- Blue (44%)



- Red (44%)
- Yellow (64%)
- Blue (47%)



- Cyan (4%)
- Magenta (0%)
- Yellow (30%)
- Black (36%)



- Cyan (39%)
- Magenta (36%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CA271 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 9CA271 by changing the saturation by 10% instead.



9CA271



9CA271

FFFFFF



828858



D3D9A5



686E40



F0F5C0



4F562A



FFFFDC



383F14



FFFFF9



232900



011600



000000



9CA271



9CA271



9AA261



9EA281

98A251

A0A291

96A240

A2A2A2

94A230

A4A2B2

92A220

A6A2C2

90A210

A8A2D2

8EA200

AAA2E2

ACA2F3

AEA2FF

Harmonies

Analogous

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



B59A6E



9CA271



80A880

Triad

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



9CA271



5AA8C3



C98DA5

Complementary

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



9CA271



7771A2

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.



B792BB



9CA271



76A2CD

Square

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



9CA271



54ABAF



999ACA



CE8D8C

Rectangle

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



9CA271



6EAA8F



999ACA



C58EAD

Sweetspot

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



9CA271



D1D4C1



A27771



6A6B5F



EBEBEB



6B6B6B

Same Dimension

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



9CA271



CAD487



84A271



515249



809100



101200

Inverse Universe

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



7771A2



9187D4



8F71A2



4A4952



120091



020012

Previews

White Background



This preview shows how the Hex color 9CA271 looks on a white background.

Color Contrast Check

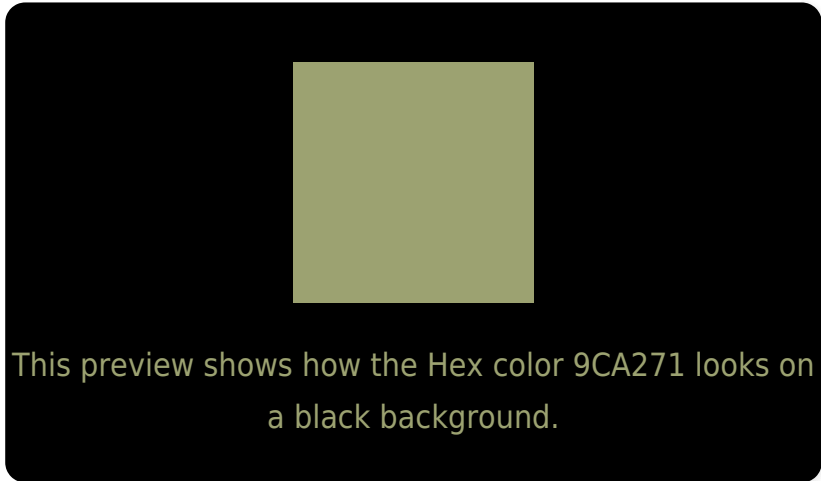
Large Text (above 18pt) WCAG AA × Fail

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

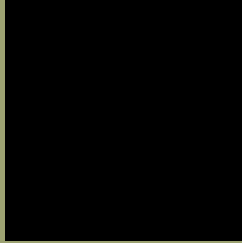
Any Text WCAG AA ✓ Pass

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 9CA271 Background



This preview shows how black text looks on a background with the Hex color 9CA271.



This preview shows how white text looks on a background with the Hex color 9CA271.

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



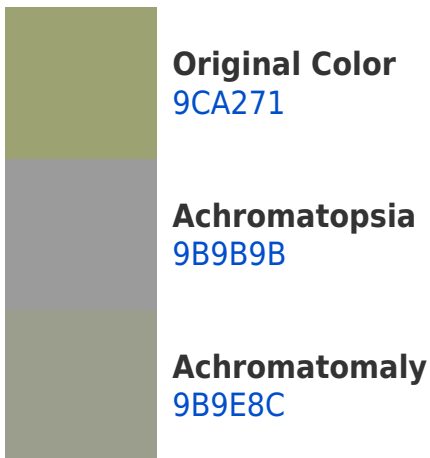


Tritanopia
A39BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CA271 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 #9CA271 looks like.

```
.text, #text, p{  
    color:#9CA271  
}
```

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 #9CA271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA271
}
```

Border

The CSS property to change the border of an element to Hex 9CA271 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
#9CA271 }
```

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

```
.border{ border-color:#9CA271 }
```

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

Here you see how a box with a 4 pixel #9CA271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA271; -webkit-box-shadow:4px 4px  
4px 4px #9CA271; box-shadow:4px 4px 4px  
4px #9CA271 }
```

Background

The CSS property to change the background color of an element to Hex 9CA271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA271 }
```

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

```
.background{ background-color:#9CA271 }
```

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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