

Converting Colors

Hex(9CA168)

Have a look what the booklet for
Hex(9CA168) contains.

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Color

Hex(9CA168)

Conversions

Conversions Part 1

Format	Color
Hex	9CA168
RGB	156, 161, 104
RGB Percent	61%, 63%, 41%
CMY	0.3882, 0.3686, 0.5922
CMYK	0.03, 0.00, 0.35, 0.37
HSL	65°, 23%, 52%
HSV	65°, 35%, 63%
XYZ	28.9539, 33.5571, 18.0478
YIQ	153.0070, 15.3170, -18.7870

Conversions

Conversions Part 2

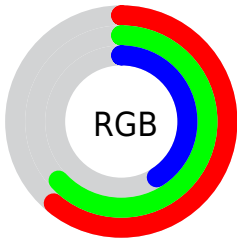
Format	Color
RYB	104, 161, 109
Decimal	10264936
CIELab	64.61, -11.03, 29.12
CIELCh	65, 31.137, 110.740
Yxy	33.5571, 0.3594, 0.4166
Android (android.graphics.Color)	4288455016 (0xFF9CA168)
YUV	153.0070, -24.1605, 2.6249
Hunter-Lab	57.9285, -12.1570, 22.0779

Details

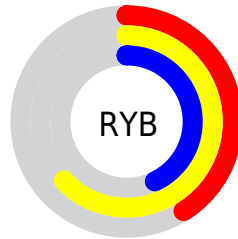
The Hex color **9CA168** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6D68A1**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **D3D89C**, and **686E38** is the 20% darker color. If you saturate the color by 10%, you get **9BA158**, and if you desaturate by 10%, it is **9DA178**.

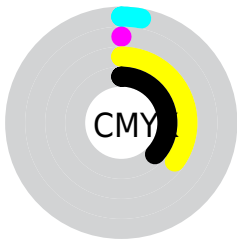
Distribution



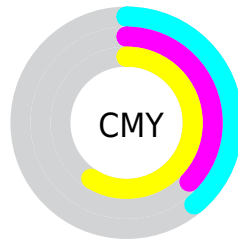
- Red (61%)
- Green (63%)
- Blue (41%)



- Red (41%)
- Yellow (63%)
- Blue (43%)



- Cyan (3%)
- Magenta (0%)
- Yellow (35%)
- Black (37%)



- Cyan (39%)
- Magenta (37%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CA168 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 9CA168 by changing the saturation by 10% instead.



9CA168



9CA168

FFFFFF



81874F



D3D89C



686E38



F0F4B7



4F5521



FFFFD3



373E0A



FFFFEF



212800



001500



000000



9CA168



9CA168



9BA158



9DA178

99A148

9FA188

98A138

A0A198

96A128

A2A1A8

95A117

A3A1B8

94A107

A4A1C9

93A100

A6A1D9

A7A1E9

A9A1F9

Harmonies

Analogous

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



B89866



9CA168



7CA879

Triad

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



9CA168



44A9C7



CE88A7

Complementary

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



9CA168



6D68A1

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.



B88FC0



9CA168



69A2D3

Square

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



9CA168



3FACAF



9499D1



D4888A

Rectangle

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



9CA168



66AA89



9499D1



C88AB0

Sweetspot

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



9CA168



CFD1BA



A16D68



67695B



E8E8E8



696969

Same Dimension

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



9CA168



C9D179



80A168



515249



859100



101200

Inverse Universe

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



6D68A1



8179D1



8968A1



4A4952



0D0091



020012

Previews

White Background



This preview shows how the Hex color 9CA168 looks on a white background.

Color Contrast Check

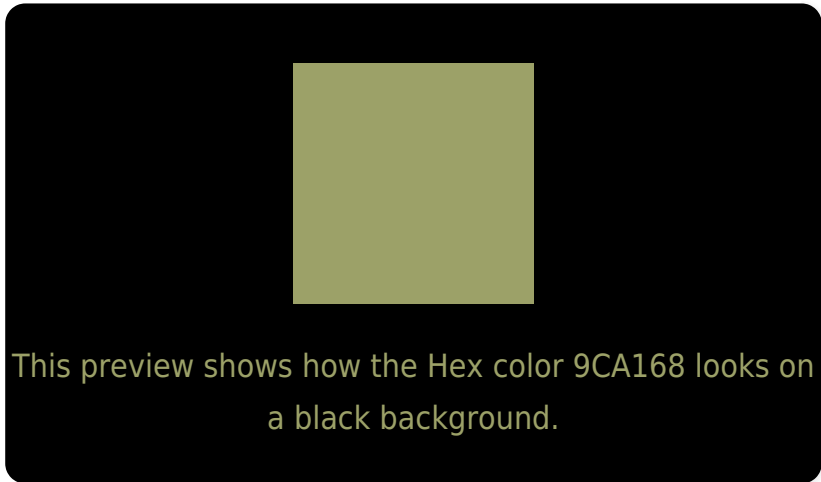
Large Text (above 18pt) WCAG AA × Fail

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 9CA168 Background



This preview shows how black text looks on a background with the Hex color 9CA168.



This preview shows how white text looks on a background with the Hex color 9CA168.

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](#).

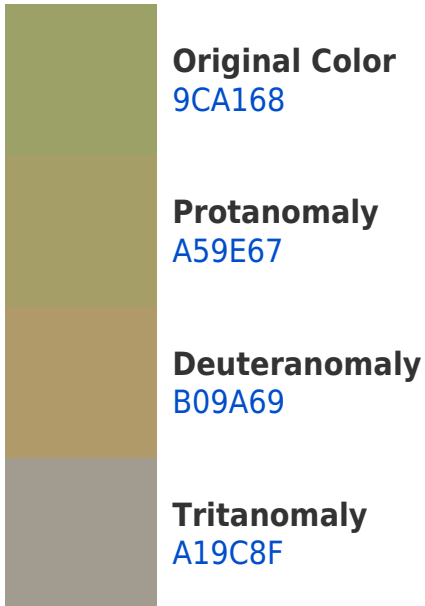
Dichromacy



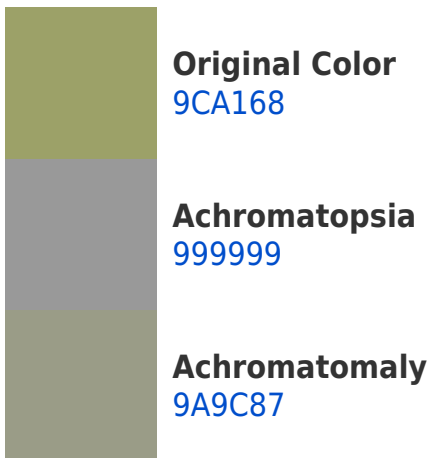


Tritanopia
A499A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CA168 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 #9CA168 looks like.

```
.text, #text, p{  
    color:#9CA168  
}
```

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 #9CA168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA168
}
```

Border

The CSS property to change the border of an element to Hex 9CA168 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
#9CA168 }
```

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

```
.border{ border-color:#9CA168 }
```

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

Here you see how a box with a 4 pixel #9CA168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA168; -webkit-box-shadow:4px 4px  
4px 4px #9CA168; box-shadow:4px 4px 4px  
4px #9CA168 }
```

Background

The CSS property to change the background color of an element to Hex 9CA168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA168 }
```

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

```
.background{ background-color:#9CA168 }
```

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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