

Converting Colors

Hex(9CA278)

Have a look what the booklet for
Hex(9CA278) contains.

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Color

Hex(9CA278)

Conversions

Conversions Part 1

Format	Color
Hex	9CA278
RGB	156, 162, 120
RGB Percent	61%, 64%, 47%
CMY	0.3882, 0.3647, 0.5294
CMYK	0.04, 0.00, 0.26, 0.36
HSL	69°, 18%, 55%
HSV	69°, 26%, 64%
XYZ	30.0208, 34.2646, 22.8008
YIQ	155.4180, 9.9060, -14.3340

Conversions

Conversions Part 2

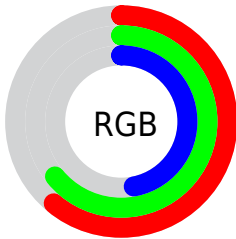
Format	Color
RYB	120, 162, 126
Decimal	10265208
CIELab	65.17, -9.37, 21.19
CIELCh	65, 23.165, 113.856
Yxy	34.2646, 0.3447, 0.3935
Android (android.graphics.Color)	4288455288 (0xFF9CA278)
YUV	155.4180, -17.4611, 0.5104
Hunter-Lab	58.5360, -10.8925, 17.8807

Details

The Hex color **9CA278** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7E78A2**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **D3D9AD**, and **686E47** is the 20% darker color. If you saturate the color by 10%, you get **9AA268**, and if you desaturate by 10%, it is **9EA288**.

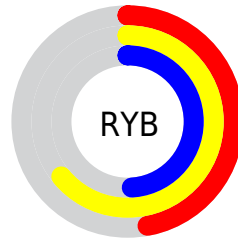
Distribution



Red (61%)

Green (64%)

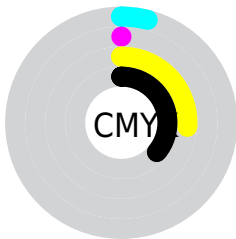
Blue (47%)



Red (47%)

Yellow (64%)

Blue (49%)

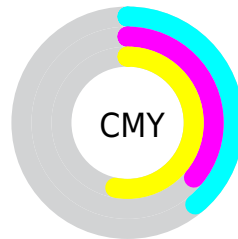


Cyan (4%)

Magenta (0%)

Yellow (26%)

Black (36%)



Cyan (39%)

Magenta (36%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CA278 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 9CA278 by changing the saturation by 10% instead.



9CA278



9CA278

FFFFFF



82885F



D3D9AD



686E47



EFF5C8



505630



FFFFE4



383F1B



232902



051500



000000



9CA278



9CA278



9AA268



9EA288

97A258

A1A298

95A247

A3A2A9

93A237

A5A2B9

90A227

A8A2C9

8EA217

AAA2D9

8CA207

ACA2E9

8BA200

AFA2FA

B1A2FF

Harmonies

Analogous

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



B29B75



9CA278



84A785

Triad

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



9CA278



68A7BF



C490A3

Complementary

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



9CA278



7E78A2

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.



B594B7



9CA278



7FA1C7

Square

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



9CA278



62AAAE



9C9AC4



C9908E

Rectangle

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



9CA278



75A992



9C9AC4



C190AA

Sweetspot

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



9CA278



D1D4C3



A27E78



6A6B60



EBEBEB



6B6B6B

Same Dimension

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



9CA278



CAD492



87A278



505249



7D9100



0F1200

Inverse Universe

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



7E78A2



9B92D4



9378A2



4B4952



150091



030012

Previews

White Background



This preview shows how the Hex color 9CA278 looks on a white background.

Color Contrast Check

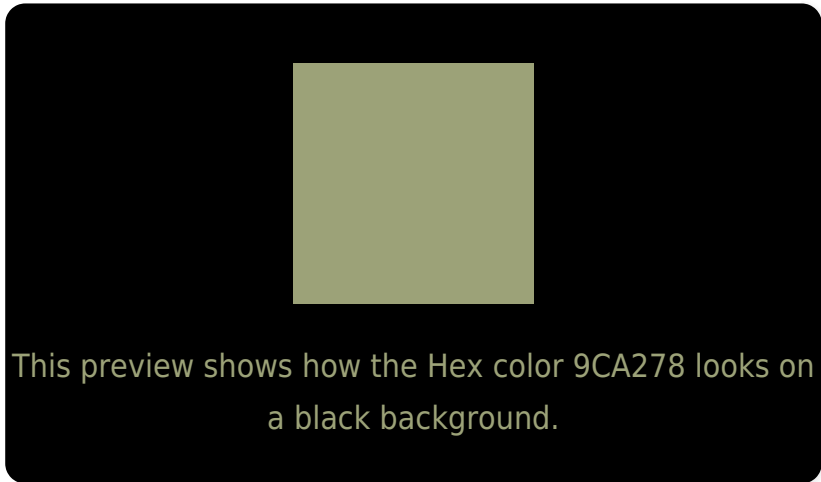
Large Text (above 18pt) WCAG AA × Fail

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

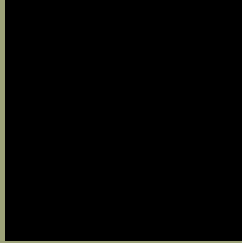
Any Text WCAG AA ✓ Pass

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 9CA278 Background



This preview shows how black text looks on a background with the Hex color 9CA278.



This preview shows how white text looks on a background with the Hex color 9CA278.

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
9CA278

Protanopia
A99E76

Deuteranopia
B9987A

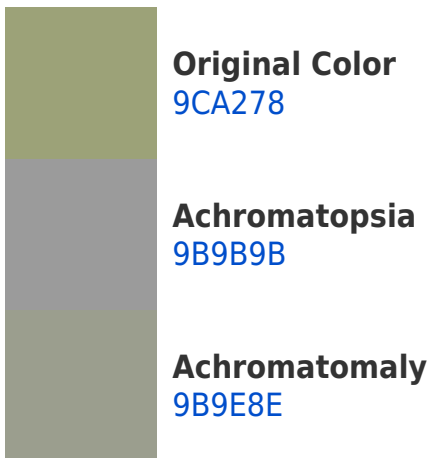


Tritanopia
A29CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CA278 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 #9CA278 looks like.

```
.text, #text, p{  
    color:#9CA278  
}
```

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 #9CA278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA278
}
```

Border

The CSS property to change the border of an element to Hex 9CA278 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
#9CA278 }
```

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

```
.border{ border-color:#9CA278 }
```

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

Here you see how a box with a 4 pixel #9CA278 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA278; -webkit-box-shadow:4px 4px  
4px 4px #9CA278; box-shadow:4px 4px 4px  
4px #9CA278 }
```

Background

The CSS property to change the background color of an element to Hex 9CA278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA278 }
```

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

```
.background{ background-color:#9CA278 }
```

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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