

Converting Colors

Hex(9BA678)

Have a look what the booklet for
Hex(9BA678) contains.

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Color

Hex(9BA678)

Conversions

Conversions Part 1

Format	Color
Hex	9BA678
RGB	155, 166, 120
RGB Percent	61%, 65%, 47%
CMY	0.3922, 0.3490, 0.5294
CMYK	0.07, 0.00, 0.28, 0.35
HSL	74°, 21%, 56%
HSV	74°, 28%, 65%
XYZ	30.5440, 35.5971, 23.0304
YIQ	157.4670, 8.2100, -16.6380

Conversions

Conversions Part 2

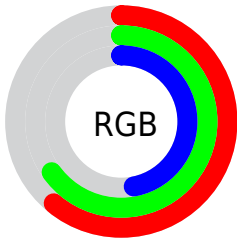
Format	Color
RYB	120, 166, 131
Decimal	10200696
CIELab	66.21, -11.88, 22.58
CIELCh	66, 25.514, 117.750
Yxy	35.5971, 0.3425, 0.3992
Android (android.graphics.Color)	4288390776 (0xFF9BA678)
YUV	157.4670, -18.4712, -2.1636
Hunter-Lab	59.6633, -13.0296, 18.8780

Details

The Hex color **9BA678** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8378A6**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D2DDAD**, and **677247** is the 20% darker color. If you saturate the color by 10%, you get **97A667**, and if you desaturate by 10%, it is **9FA689**.

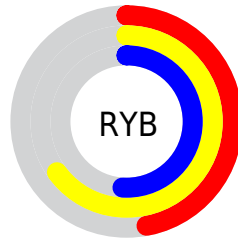
Distribution



Red (61%)

Green (65%)

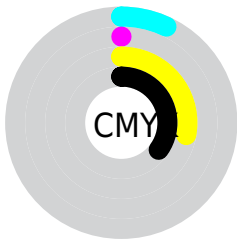
Blue (47%)



Red (47%)

Yellow (65%)

Blue (51%)

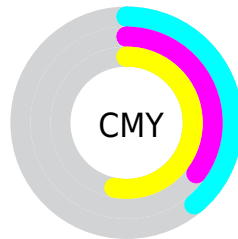


Cyan (7%)

Magenta (0%)

Yellow (28%)

Black (35%)



Cyan (39%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BA678 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 9BA678 by changing the saturation by 10% instead.



9BA678

FFFFFF



D2DDAD



EEFAC8



FFFFE4



9BA678



818C5F



677247



4F5A30



37421A



222C02



041800



000000



9BA678



97A667



9BA678



9FA689

 93A657

 A3A699

 8FA646

 A7A6AA

 8BA636

 ABA6BA

 87A625

 AFA6CB

 83A614

 B3A6DC

 7FA604

 B7A6EC

 7EA600

 BBA6FD

 BFA6FF

Harmonies

Analogous

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



B39F73



9BA678



81AB88

Triad

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



9BA678



66AAC7



CC90A4

Complementary

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



9BA678



8378A6

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.



BD94BA



9BA678



82A4CE

Square

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



9BA678



5CADB5



A29CC9



CF928D

Rectangle

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



9BA678



70AD96



A29CC9



C991AB

Sweetspot

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



9BA678



D5D9C7



A68378



6B6E63



EDEDED



6E6E6E

Same Dimension

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



9BA678



C8D991



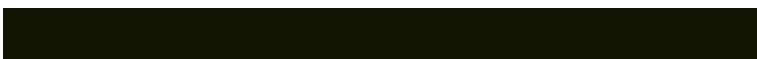
84A678



52544C



719400



101400

Inverse Universe

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



8378A6



A291D9



9A78A6



4E4C54



230094



050014

Previews

White Background



This preview shows how the Hex color 9BA678 looks on a white background.

Color Contrast Check

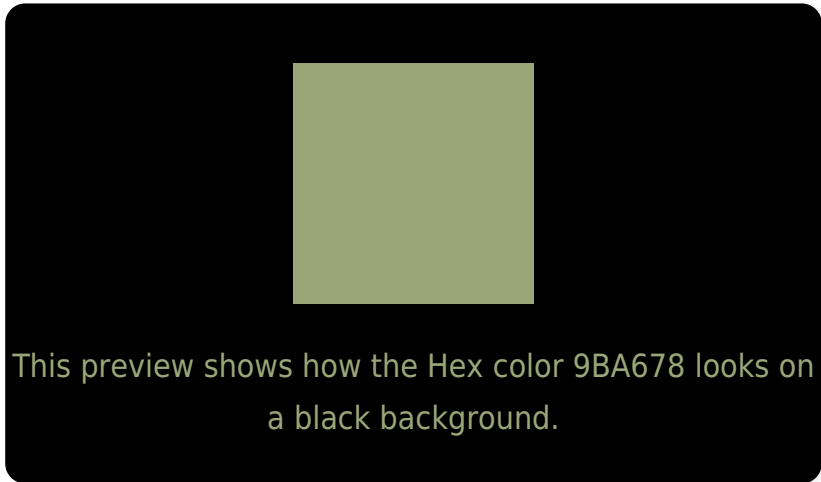
Large Text (above 18pt) WCAG AA × Fail

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

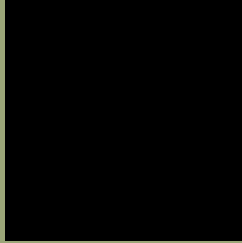
Any Text WCAG AA ✓ Pass

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 9BA678 Background



This preview shows how black text looks on a background with the Hex color 9BA678.



This preview shows how white text looks on a background with the Hex color 9BA678.

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

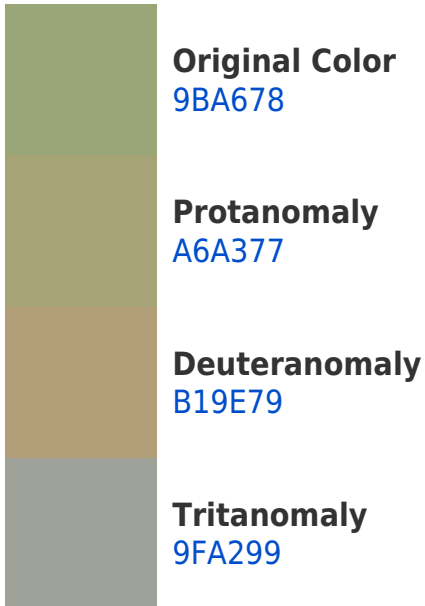


Original Color
9BA678

Protanopia
ADA176

Deuteranopia
BD9A7A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BA678 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 #9BA678 looks like.

```
.text, #text, p{  
    color:#9BA678  
}
```

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 #9BA678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BA678  
}
```

Border

The CSS property to change the border of an element to Hex 9BA678 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  
#9BA678 }
```

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

```
.border{ border-color:#9BA678 }
```

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

Here you see how a box with a 4 pixel #9BA678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BA678; -webkit-box-shadow:4px 4px  
4px 4px #9BA678; box-shadow:4px 4px 4px  
4px #9BA678 }
```

Background

The CSS property to change the background color of an element to Hex 9BA678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BA678 }
```

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

```
.background{ background-color:#9BA678 }
```

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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