

Converting Colors

Hex(9DA77C)

Have a look what the booklet for
Hex(9DA77C) contains.

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Color

Hex(9DA77C)

Conversions

Conversions Part 1

Format	Color
Hex	9DA77C
RGB	157, 167, 124
RGB Percent	62%, 65%, 49%
CMY	0.3843, 0.3451, 0.5137
CMYK	0.06, 0.00, 0.26, 0.35
HSL	74°, 20%, 57%
HSV	74°, 26%, 65%
XYZ	31.3614, 36.2608, 24.4149
YIQ	159.1080, 7.8430, -15.4930

Conversions

Conversions Part 2

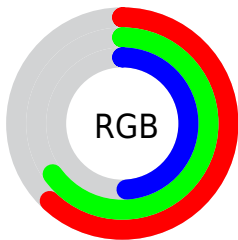
Format	Color
RYB	124, 167, 134
Decimal	10332028
CIELab	66.72, -11.04, 21.11
CIELCh	67, 23.825, 117.605
Yxy	36.2608, 0.3407, 0.3940
Android (android.graphics.Color)	4288522108 (0xFF9DA77C)
YUV	159.1080, -17.3082, -1.8487
Hunter-Lab	60.2169, -12.4154, 18.1128

Details

The Hex color **9DA77C** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **867CA7**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D4DEB1**, and **69734B** is the 20% darker color. If you saturate the color by 10%, you get **99A76B**, and if you desaturate by 10%, it is **A1A78D**.

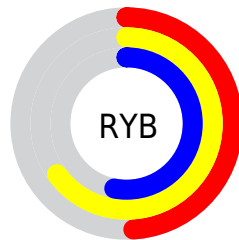
Distribution



Red (62%)

Green (65%)

Blue (49%)



Red (49%)

Yellow (65%)

Blue (53%)

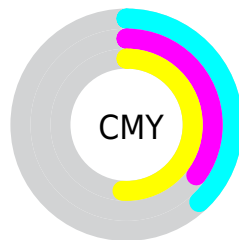


Cyan (6%)

Magenta (0%)

Yellow (26%)

Black (35%)



Cyan (38%)

Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DA77C 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 9DA77C by changing the saturation by 10% instead.



9DA77C



9DA77C

FFFFFF



838D63



D4DEB1



69734B



F0FBCC



515B34



FFFFE9



39431E



232D07



091900



000000



9DA77C



9DA77C



99A76B



A1A78D

 95A75B

 A5A79D

 91A74A

 A9A7AE

 8DA739

 ADA7BF

 8AA729

 B0A7CF

 86A718

 B4A7E0

 82A707

 B8A7F1

 80A700

 BCA7FF

 C0A7FF

Harmonies

Analogous

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



B4A078



9DA77C



84AC8B

Triad

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



9DA77C



6CABC6



CB93A5

Complementary

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



9DA77C



867CA7

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.



BC97BA



9DA77C



86A5CD

Square

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



9DA77C



64AEB5



A39DC8



CE948F

Rectangle

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



9DA77C



75AE98



A39DC8



C794AC

Sweetspot

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



9DA77C



D5D9C7



A7857C



6B6E63



EDEDED



6E6E6E

Same Dimension

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



9DA77C



C9D996



88A77C



52544C



729400



101400

Inverse Universe

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



867CA7



A596D9



9B7CA7



4E4C54



220094



050014

Previews

White Background



This preview shows how the Hex color 9DA77C looks on a white background.

Color Contrast Check

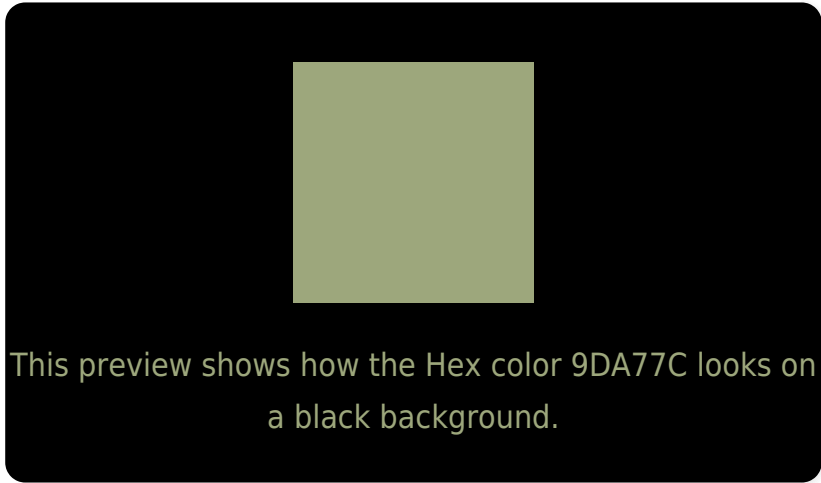
Large Text (above 18pt) WCAG AA × Fail

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

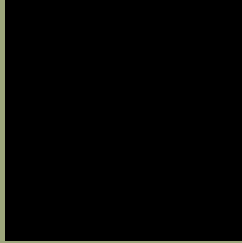
Any Text WCAG AA ✓ Pass

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 9DA77C Background



This preview shows how black text looks on a background with the Hex color 9DA77C.



This preview shows how white text looks on a background with the Hex color 9DA77C.

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](#).

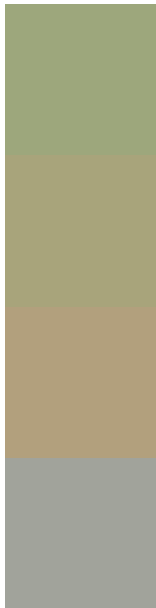
Dichromacy





Tritanopia
A4A1AD

Trichromacy



Original Color
9DA77C

Protanomaly
A8A47B

Deuteranomaly
B2A07D

Tritanomaly
A1A39B

Monochromacy



Original Color
9DA77C

Achromatopsia
9F9F9F

Achromatomaly
9EA292

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DA77C 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 #9DA77C looks like.

```
.text, #text, p{  
    color:#9DA77C  
}
```

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 #9DA77C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DA77C
}
```

Border

The CSS property to change the border of an element to Hex 9DA77C 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
#9DA77C }
```

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

```
.border{ border-color:#9DA77C }
```

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

Here you see how a box with a 4 pixel #9DA77C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DA77C; -webkit-box-shadow:4px 4px  
4px 4px #9DA77C; box-shadow:4px 4px 4px  
4px #9DA77C }
```

Background

The CSS property to change the background color of an element to Hex 9DA77C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DA77C }
```

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

```
.background{ background-color:#9DA77C }
```

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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