

Converting Colors

Hex(9DA47F)

Have a look what the booklet for
Hex(9DA47F) contains.

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Color

Hex(9DA47F)

Conversions

Conversions Part 1

Format	Color
Hex	9DA47F
RGB	157, 164, 127
RGB Percent	62%, 64%, 50%
CMY	0.3843, 0.3569, 0.5020
CMYK	0.04, 0.00, 0.23, 0.36
HSL	71°, 17%, 57%
HSV	71°, 23%, 64%
XYZ	31.0109, 35.2513, 25.2484
YIQ	157.6890, 7.7050, -12.9910

Conversions

Conversions Part 2

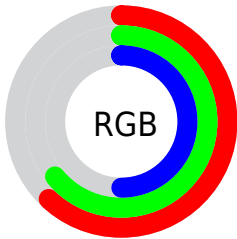
Format	Color
RYB	127, 164, 134
Decimal	10331263
CIELab	65.94, -8.99, 18.41
CIELCh	66, 20.489, 116.033
Yxy	35.2513, 0.3389, 0.3852
Android (android.graphics.Color)	4288521343 (0xFF9DA47F)
YUV	157.6890, -15.1297, -0.6043
Hunter-Lab	59.3728, -10.6706, 16.3478

Details

The Hex color **9DA47F** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **867FA4**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D4DBB4**, and **69704E** is the 20% darker color. If you saturate the color by 10%, you get **9AA46F**, and if you desaturate by 10%, it is **A0A48F**.

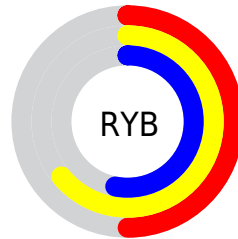
Distribution



Red (62%)

Green (64%)

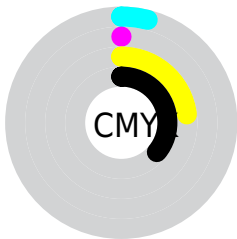
Blue (50%)



Red (50%)

Yellow (64%)

Blue (53%)

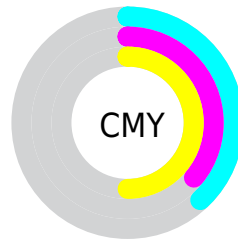


Cyan (4%)

Magenta (0%)

Yellow (23%)

Black (36%)



Cyan (38%)

Magenta (36%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DA47F 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 9DA47F by changing the saturation by 10% instead.

 9DA47F

 9DA47F


FFFFFF

 838A66

 D4DBB4

 69704E

 F0F7CF

 515837

 FFFFE0

 3A4121

 242B0B

 0A1700

 000000

 9DA47F

 9DA47F

 9AA46F

 A0A48F

 97A45E

 A3A4A0

 94A44E

 A6A4B0

 91A43D

 A9A4C1

 8DA42D

 ADA4D1

 8AA41D

 B0A4E1

 87A40C

 B3A4F2

 85A400

 B6A4FF

 B9A4FF

Harmonies

Analogous

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



B19E7C



9DA47F



88A88B

Triad

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



9DA47F



73A8BE



C393A3

Complementary

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



9DA47F



867FA4

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.



B697B5



9DA47F



87A3C4

Square

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



9DA47F



6DAAB0



A09CC1



C69491

Rectangle

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



9DA47F



7BAA97



A09CC1



C094AA

Sweetspot

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



9DA47F



D3D6C7



A4867F



696B63



EBEBEB



6B6B6B

Same Dimension

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



9DA47F



CBD69C



8BA47F



505249



769100



0E1200

Inverse Universe

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



867FA4



A79CD6



987FA4



4B4952



1B0091



030012

Previews

White Background



This preview shows how the Hex color 9DA47F looks on a white background.

Color Contrast Check

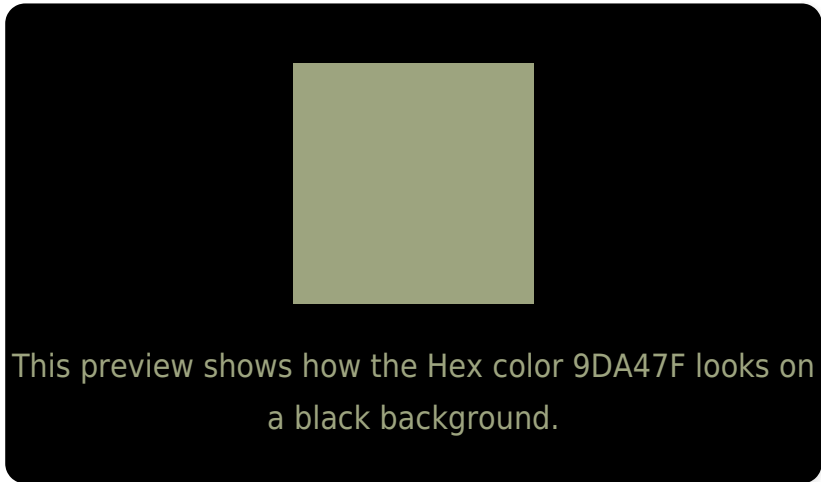
Large Text (above 18pt) WCAG AA × Fail

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

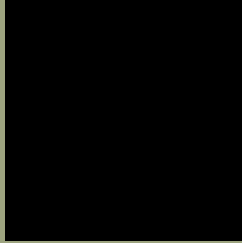
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

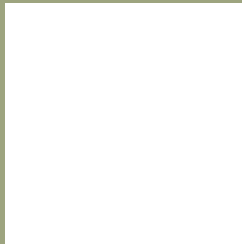
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9DA47F Background



This preview shows how black text looks on a background with the Hex color 9DA47F.



This preview shows how white text looks on a background with the Hex color 9DA47F.

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
9DA47F

Protanopia
ABA07D

Deuteranopia
BA9A81



Tritanopia
A39EAB

Trichromacy



Original Color
9DA47F

Protanomaly
A6A17E

Deuteranomaly
AF9E80

Tritanomaly
A1A09B

Monochromacy



Original Color
9DA47F

Achromatopsia
9E9E9E

Achromatomaly
9EA093

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DA47F 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 #9DA47F looks like.

```
.text, #text, p{  
    color:#9DA47F  
}
```

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 #9DA47F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DA47F
}
```

Border

The CSS property to change the border of an element to Hex 9DA47F 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
#9DA47F }
```

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

```
.border{ border-color:#9DA47F }
```

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

Here you see how a box with a 4 pixel #9DA47F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DA47F; -webkit-box-shadow:4px 4px  
4px 4px #9DA47F; box-shadow:4px 4px 4px  
4px #9DA47F }
```

Background

The CSS property to change the background color of an element to Hex 9DA47F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DA47F }
```

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

```
.background{ background-color:#9DA47F }
```

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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