

# Converting Colors

Hex(9DA274)

Have a look what the booklet for  
Hex(9DA274) contains.

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**Color**

**Hex(9DA274)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DA274
RGB	157, 162, 116
RGB Percent	62%, 64%, 45%
CMY	0.3843, 0.3647, 0.5451
CMYK	0.03, 0.00, 0.28, 0.36
HSL	67°, 20%, 55%
HSV	67°, 28%, 64%
XYZ	29.9773, 34.2697, 21.5577
YIQ	155.2610, 11.7860, -15.3660

# Conversions

## Conversions Part 2

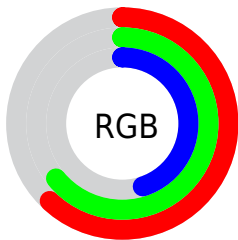
Format	Color
<a href="#">RYB</a>	<a href="#">116, 162, 121</a>
Decimal	<a href="#">10330740</a>
CIELab	<a href="#">65.18, -9.55, 23.39</a>
CIELCh	<a href="#">65, 25.266, 112.209</a>
Yxy	<a href="#">34.2697, 0.3494, 0.3994</a>
Android (android.graphics.Color)	<a href="#">4288520820</a> ( <a href="#">0xFF9DA274</a> )
YUV	<a href="#">155.2610, -19.3557, 1.5251</a>
Hunter-Lab	<a href="#">58.5403, -11.0393, 19.1444</a>

# Details

The Hex color **9DA274** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7974A2**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D4D9A8**, and **696E43** is the 20% darker color. If you saturate the color by 10%, you get **9BA264**, and if you desaturate by 10%, it is **9FA284**.

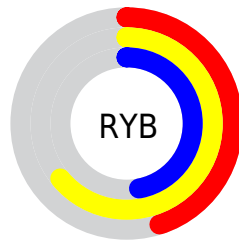
# Distribution



Red (62%)

Green (64%)

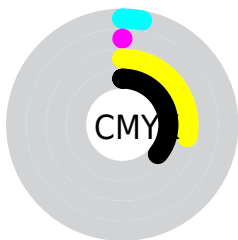
Blue (45%)



Red (45%)

Yellow (64%)

Blue (47%)

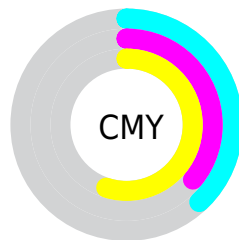


Cyan (3%)

Magenta (0%)

Yellow (28%)

Black (36%)



Cyan (38%)

Magenta (36%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DA274 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 9DA274 by changing the saturation by 10% instead.





9DA274



9DA274

FFFFFF



83885B



D4D9A8



696E43



F1F5C4



50562C



FFFFE0



393F17



FFFFFFC



232900



041500



000000



9DA274



9DA274



9BA264



9FA284

99A254

A1A294

98A243

A2A2A5

96A233

A4A2B5

94A223

A6A2C5

92A213

A8A2D5

91A203

A9A2E5

90A200

ABA2F6

ADA2FF

# Harmonies

## Analogous

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



B49B72



9DA274



83A882

# Triad

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



9DA274



60A8C1



C78EA5

# Complementary

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



9DA274



7974A2

# 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.



B693BA



9DA274



7AA2CA

# Square

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



9DA274



5BABAE



9A9AC8



CC8E8E

# Rectangle

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



9DA274



72AA90



9A9AC8



C38FAD



# Sweetspot

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



9DA274



D2D4C1



A27974



6A6B5F



EBEBEB



6B6B6B



# Same Dimension

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



9DA274



CCD48C



86A274



515249



829100



101200



# Inverse Universe

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



7974A2



948CD4



9074A2



4A4952



100091



020012



# Previews

## White Background



This preview shows how the Hex color 9DA274 looks on a white background.

## Color Contrast Check

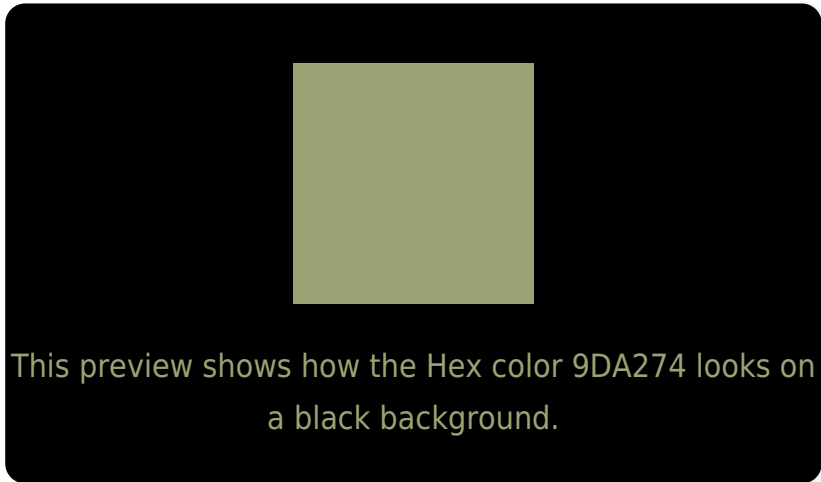
Large Text (above 18pt) WCAG AA × Fail

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

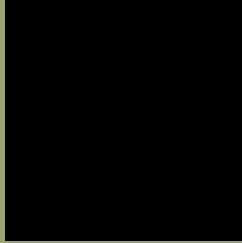
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

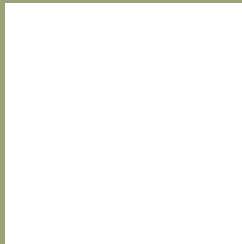
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DA274 Background



This preview shows how black text looks on a background with the Hex color 9DA274.



This preview shows how white text looks on a background with the Hex color 9DA274.

# 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**  
9DA274

**Protanopia**  
AA9E72

**Deuteranopia**  
BA9876



**Tritanopia**  
A49BA8

# Trichromacy



**Original Color**  
9DA274

**Protanomaly**  
A59F73

**Deuteranomaly**  
AF9C75

**Tritanomaly**  
A19E95

# Monochromacy



**Original Color**  
9DA274

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
9C9E8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DA274 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 #9DA274 looks like.

```
.text, #text, p{  
    color:#9DA274  
}
```

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 #9DA274 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DA274
}
```

## Border

The CSS property to change the border of an element to Hex 9DA274 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
#9DA274 }
```

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

```
.border{ border-color:#9DA274 }
```

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

Here you see how a box with a 4 pixel #9DA274 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DA274; -webkit-box-shadow:4px 4px  
4px 4px #9DA274; box-shadow:4px 4px 4px  
4px #9DA274 }
```

# Background

The CSS property to change the background color of an element to Hex 9DA274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DA274 }
```

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

```
.background{ background-color:#9DA274 }
```

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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