

# Converting Colors

Hex(969DAA)

Have a look what the booklet for  
Hex(969DAA) contains.

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# **Color**

**Hex(969DAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	969DAA
RGB	150, 157, 170
RGB Percent	59%, 62%, 67%
CMY	0.4118, 0.3843, 0.3333
CMYK	0.12, 0.08, 0.00, 0.33
HSL	219°, 11%, 63%
HSV	219°, 12%, 67%
XYZ	31.8903, 33.5003, 42.8156
YIQ	156.3890, -8.3450, 2.5590

# Conversions

## Conversions Part 2

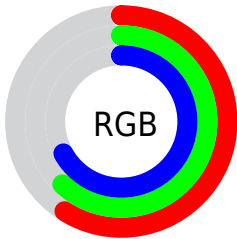
Format	Color
<a href="#">RYB</a>	<a href="#">150, 155, 170</a>
Decimal	<a href="#">9870762</a>
CIELab	<a href="#">64.56, 0.18, -7.62</a>
CIELCh	<a href="#">65, 7.623, 271.348</a>
Yxy	<a href="#">33.5003, 0.2947, 0.3096</a>
Android (android.graphics.Color)	<a href="#">4288060842 (0xFF969DAA)</a>
YUV	<a href="#">156.3890, 6.7102, -5.6032</a>
Hunter-Lab	<a href="#">57.8794, -2.9392, -3.3435</a>

# Details

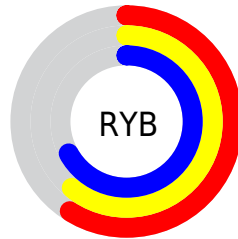
The Hex color **969DAA** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AAA396**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CCD4E1**, and **636A76** is the 20% darker color. If you saturate the color by 10%, you get **8592AA**, and if you desaturate by 10%, it is **A7A8AA**.

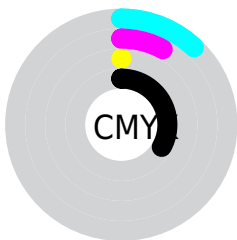
# Distribution



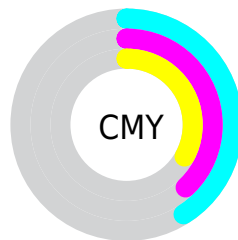
- Red (59%)
- Green (62%)
- Blue (67%)



- Red (59%)
- Yellow (61%)
- Blue (67%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)



- Cyan (41%)
- Magenta (38%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 969DAA 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 969DAA by changing the saturation by 10% instead.



■ 969DAA

■ 969DAA

FFFFFF

■ 7C8390

■ CCD4E1

■ 636A76

■ E8F0FE

■ 4B525D

■ 343B46

■ 1F252F

■ 08101B

■ 000000

■ 969DAA

■ 969DAA

■ 8592AA

■ A7A8AA

7487AA

B8B3AA

637CAA

C9BEAA

5271AA

DAC9AA

4166AA

EBD4AA

305BAA

FCDFAA

1F50AA

FFEAAA

0E45AA

FFF5AA

003CAA

FFFFAA

# Harmonies

## Analogous

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



8F9FA8



969DAA



9E9BA8

# Triad

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



969DAA



AB9896



93A096

# Complementary

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



969DAA



AAA396

# 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.



9A9E91



969DAA



A89A91

# Square

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



969DAA



AB989C



A29C8F



8DA19D

# Rectangle

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



969DAA



A499A5



A29C8F



95A094

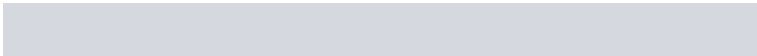


# Sweetspot

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



969DAA



D5D8DE



96AAA3



6B6D70



F0F0F0



707070



# Same Dimension

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



969DAA



BFCADE



9996AA



4C4F54



003494



000714



# Inverse Universe

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



AA969D



DEBFCA



A7AA96



544C4F



940034

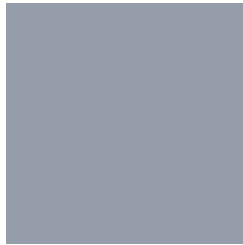


140007



# Previews

## White Background



This preview shows how the Hex color 969DAA looks on a white background.

## Color Contrast Check

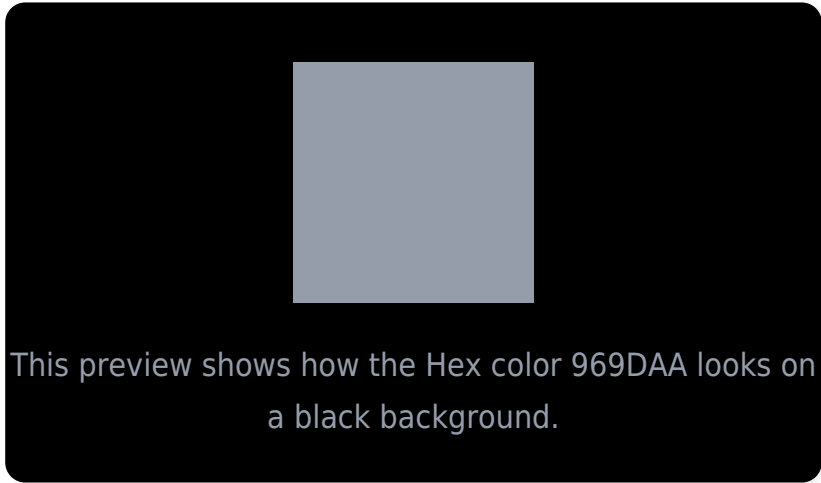
Large Text (above 18pt) WCAG AA × Fail

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

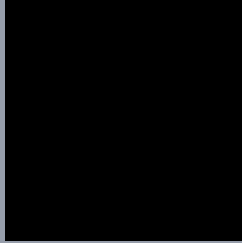
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

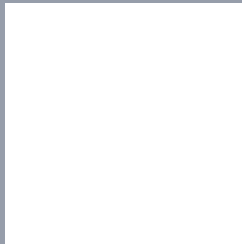
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 969DAA Background



This preview shows how black text looks on a background with the Hex color 969DAA.



This preview shows how white text looks on a background with the Hex color 969DAA.

# 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**  
969DAA

**Protanopia**  
9C9BA9

**Deuteranopia**  
A598AB



**Tritanopia**  
969DAA

# Trichromacy



**Original Color**  
969DAA

**Protanomaly**  
9A9CA9

**Deuteranomaly**  
A09AAB

**Tritanomaly**  
969DAA

# Monochromacy



**Original Color**  
969DAA

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
9A9CA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 969DAA 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 #969DAA looks like.

```
.text, #text, p{  
    color:#969DAA  
}
```

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 #969DAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #969DAA
}
```

## Border

The CSS property to change the border of an element to Hex 969DAA 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
#969DAA }
```

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

```
.border{ border-color:#969DAA }
```

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

Here you see how a box with a 4 pixel #969DAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #969DAA; -webkit-box-shadow:4px 4px  
4px 4px #969DAA; box-shadow:4px 4px 4px  
4px #969DAA }
```

# Background

The CSS property to change the background color of an element to Hex 969DAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#969DAA }
```

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

```
.background{ background-color:#969DAA }
```

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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