

Converting Colors

Hex(969EA6)

Have a look what the booklet for
Hex(969EA6) contains.

Hex(969EA6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(969EA6)

Conversions

Conversions Part 1

Format	Color
Hex	969EA6
RGB	150, 158, 166
RGB Percent	59%, 62%, 65%
CMY	0.4118, 0.3804, 0.3490
CMYK	0.10, 0.05, 0.00, 0.35
HSL	210°, 8%, 62%
HSV	210°, 10%, 65%
XYZ	31.6875, 33.6909, 40.9093
YIQ	156.5200, -7.3360, 0.7920

Conversions

Conversions Part 2

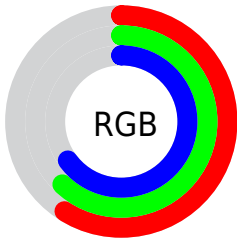
Format	Color
RYB	150, 155, 166
Decimal	9871014
CIELab	64.72, -1.22, -5.15
CIElCh	65, 5.292, 256.710
Yxy	33.6909, 0.2981, 0.3170
Android (android.graphics.Color)	4288061094 (0xFF969EA6)
YUV	156.5200, 4.6736, -5.7180
Hunter-Lab	58.0439, -4.1296, -1.1568

Details

The Hex color **969EA6** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A69E96**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CCD5DD**, and **636B72** is the 20% darker color. If you saturate the color by 10%, you get **8596A6**, and if you desaturate by 10%, it is **A7A6A6**.

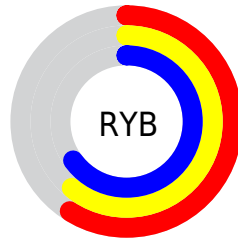
Distribution



Red (59%)

Green (62%)

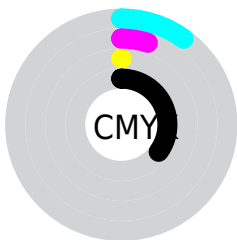
Blue (65%)



Red (59%)

Yellow (61%)

Blue (65%)

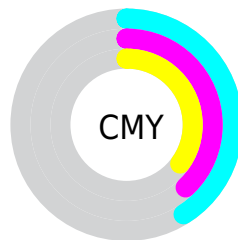


Cyan (10%)

Magenta (5%)

Yellow (0%)

Black (35%)



Cyan (41%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 969EA6 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 969EA6 by changing the saturation by 10% instead.



969EA6



969EA6

FFFFFF



7C848C



CCD5DD



636B72



E8F1FA



4B535A



343C42



1F262C



081118



000000



969EA6



969EA6



8596A6



A7A6A6

■ 758DA6

■ B7AFA6

■ 6485A6

■ C8B7A6

■ 547DA6

■ D8BFA6

■ 4375A6

■ E9C7A6

■ 326CA6

■ FAD0A6

■ 2264A6

■ FFD8A6

■ 115CA6

■ FFE0A6

■ 0153A6

■ FFE9A6

Harmonies

Analogous

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



929FA4



969EA6



9B9CA6

Triad

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



969EA6



A79A9A



999F96

Complementary

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



969EA6



A69E96

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.



9E9D94



969EA6



A79B96

Square

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



969EA6



A69A9F



A39C94



94A09B

Rectangle

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



969EA6



9F9BA5



A39C94



9A9E95

Sweetspot

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



969EA6



D2D5D9



96A69E



696B6E



EDEDED



6E6E6E

Same Dimension

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



969EA6



BFCCD9



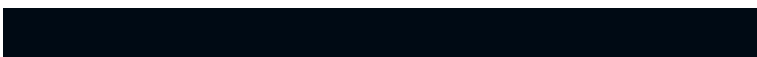
9696A6



4C5054



004A94



000A14

Inverse Universe

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



A6969E



D9BFCC



A6A696



544C50



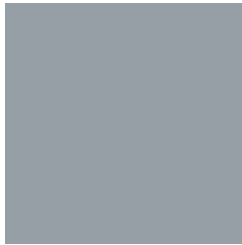
94004A



14000A

Previews

White Background



This preview shows how the Hex color 969EA6 looks on a white background.

Color Contrast Check

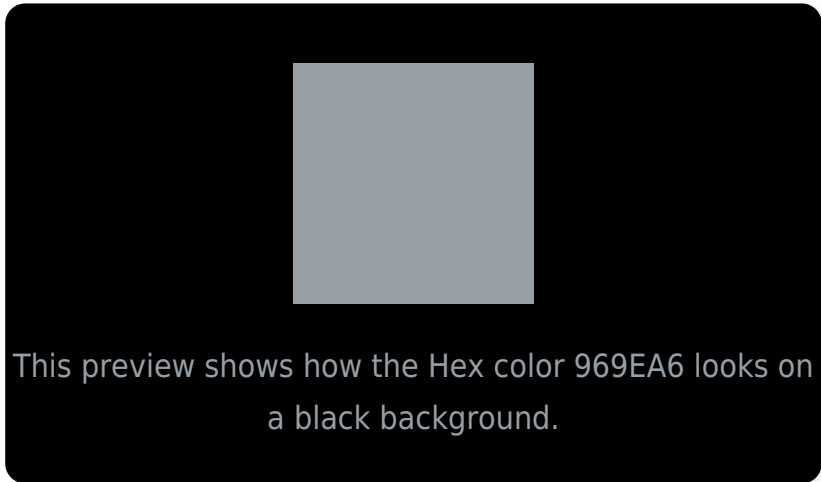
Large Text (above 18pt) WCAG AA × Fail

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

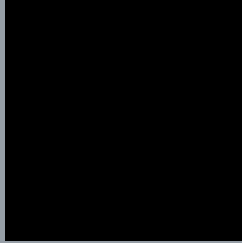
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

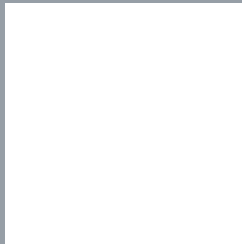
Any Text WCAG AAA ✓ Pass

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

Hex 969EA6 Background



This preview shows how black text looks on a background with the Hex color 969EA6.



This preview shows how white text looks on a background with the Hex color 969EA6.

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
969EA6

Protanopia
9D9CA5

Deuteranopia
A798A7



Tritanopia
979DAA

Trichromacy



Original Color
969EA6

Protanomaly
9A9DA5

Deuteranomaly
A19AA7

Tritanomaly
979DA9

Monochromacy



Original Color
969EA6

Achromatopsia
9D9D9D

Achromatomaly
9A9DA0

CSS Examples

Text

The CSS property to change the color of the text to Hex 969EA6 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 #969EA6 looks like.

```
.text, #text, p{  
    color:#969EA6  
}
```

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 #969EA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #969EA6
}
```

Border

The CSS property to change the border of an element to Hex 969EA6 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
#969EA6 }
```

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

```
.border{ border-color:#969EA6 }
```

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

Here you see how a box with a 4 pixel #969EA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #969EA6; -webkit-box-shadow:4px 4px  
4px 4px #969EA6; box-shadow:4px 4px 4px  
4px #969EA6 }
```

Background

The CSS property to change the background color of an element to Hex 969EA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#969EA6 }
```

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

```
.background{ background-color:#969EA6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor