

Converting Colors

Hex(968EA6)

Have a look what the booklet for
Hex(968EA6) contains.

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Color

Hex(968EA6)

Conversions

Conversions Part 1

Format	Color
Hex	968EA6
RGB	150, 142, 166
RGB Percent	59%, 56%, 65%
CMY	0.4118, 0.4431, 0.3490
CMYK	0.10, 0.14, 0.00, 0.35
HSL	260°, 12%, 60%
HSV	260°, 14%, 65%
XYZ	29.1336, 28.5832, 40.0580
YIQ	147.1280, -2.9360, 9.1600

Conversions

Conversions Part 2

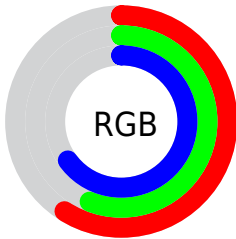
Format	Color
RYB	150, 142, 166
Decimal	9866918
CIELab	60.41, 7.76, -11.56
CIELCh	60, 13.927, 303.867
Yxy	28.5832, 0.2980, 0.2923
Android (android.graphics.Color)	4288056998 (0xFF968EA6)
YUV	147.1280, 9.3039, 2.5187
Hunter-Lab	53.4633, 3.7089, -6.9995

Details

The Hex color **968EA6** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9EA68E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **CCC4DD**, and **635C72** is the 20% darker color. If you saturate the color by 10%, you get **8B7DA6**, and if you desaturate by 10%, it is **A19FA6**.

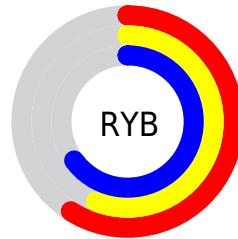
Distribution



Red (59%)

Green (56%)

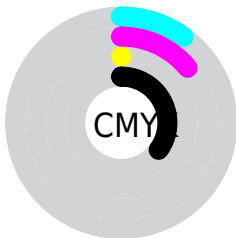
Blue (65%)



Red (59%)

Yellow (56%)

Blue (65%)

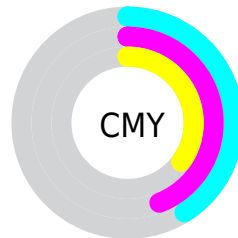


Cyan (10%)

Magenta (14%)

Yellow (0%)

Black (35%)



Cyan (41%)

Magenta (44%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 968EA6 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 968EA6 by changing the saturation by 10% instead.



968EA6



968EA6

FFFFFF



7C748C



CCC4DD



635C72



E8E0FA



4B445A



FFFCFF



342E42



1F192C



080018



000000



968EA6



968EA6



8B7DA6



A19FA6

806DA6

ACAFA6

755CA6

B7C0A6

6A4CA6

C2D0A6

5F3BA6

CDE1A6

542AA6

D8F2A6

491AA6

E3FFA6

3D09A6

EFFFA6

3700A6

FAFFA6

Harmonies

Analogous

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



8692AA



968EA6



A38B9D

Triad

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



968EA6



A58D7C



749993

Complementary

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



968EA6



9EA68E

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.



7E9886



968EA6



9A9179

Square

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



968EA6



AB8A85



8C957D



72989F

Rectangle

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



968EA6



A98995



8C957D



77998F

Sweetspot

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



968EA6



D3D0D9



8E9EA6



6A686E



EDEDED



6E6E6E

Same Dimension

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



968EA6



C0B4D9



A28EA6



4F4C54



310094



070014

Inverse Universe

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



A68E9E



D9B4CC



92A68E



544C51



940063



14000E

Previews

White Background



This preview shows how the Hex color 968EA6 looks on a white background.

Color Contrast Check

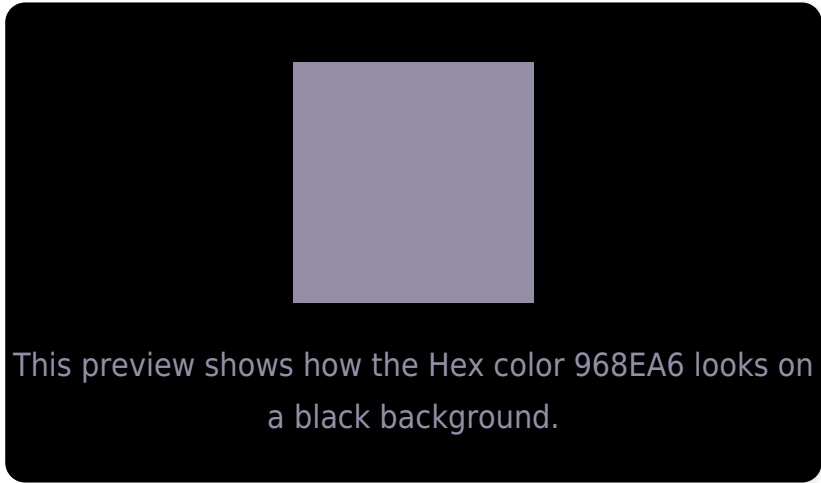
Large Text (above 18pt) WCAG AA ✓ Pass

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

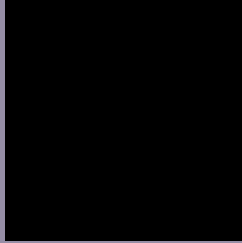
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

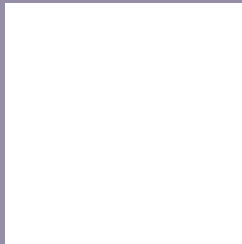
Any Text WCAG AAA × Fail

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

Hex 968EA6 Background



This preview shows how black text looks on a background with the Hex color 968EA6.



This preview shows how white text looks on a background with the Hex color 968EA6.

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
968EA6

Protanopia
8E90A8

Deuteranopia
968EA6



Tritanopia
94909B

Trichromacy



Original Color

968EA6

Protanomaly

918FA7

Deuteranomaly

968EA6

Tritanomaly

958F9F

Monochromacy



Original Color

968EA6

Achromatopsia

939393

Achromatomaly

94919A

CSS Examples

Text

The CSS property to change the color of the text to Hex 968EA6 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 #968EA6 looks like.

```
.text, #text, p{  
    color:#968EA6  
}
```

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 #968EA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #968EA6  
}
```

Border

The CSS property to change the border of an element to Hex 968EA6 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  
#968EA6 }
```

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

```
.border{ border-color:#968EA6 }
```

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

Here you see how a box with a 4 pixel #968EA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #968EA6; -webkit-box-shadow:4px 4px  
4px 4px #968EA6; box-shadow:4px 4px 4px  
4px #968EA6 }
```

Background

The CSS property to change the background color of an element to Hex 968EA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#968EA6 }
```

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

```
.background{ background-color:#968EA6 }
```

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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