

Converting Colors

Hex(968AE7)

Have a look what the booklet for
Hex(968AE7) contains.

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Color

Hex(968AE7)

Conversions

Conversions Part 1

Format	Color
Hex	968AE7
RGB	150, 138, 231
RGB Percent	59%, 54%, 91%
CMY	0.4118, 0.4588, 0.0941
CMYK	0.35, 0.40, 0.00, 0.09
HSL	248°, 66%, 72%
HSV	248°, 40%, 91%
XYZ	36.0900, 30.4305, 79.5728
YIQ	152.1900, -22.7010, 31.4670

Conversions

Conversions Part 2

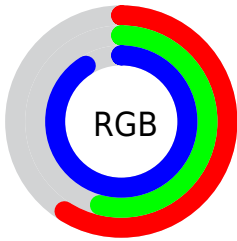
Format	Color
R_{YB}	150, 138, 231
Decimal	9865959
CIE _{Lab}	62.02, 25.75, -45.62
CIE _{LCh}	62, 52.392, 299.444
Yxy	30.4305, 0.2470, 0.2083
Android (android.graphics.Color)	4288056039 (0xFF968AE7)
YUV	152.1900, 38.8533, -1.9206
Hunter-Lab	55.1639, 20.2437, -46.9100

Details

The Hex color **968AE7** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DBE78A**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **CFC0FF**, and **5F58AF** is the 20% darker color. If you saturate the color by 10%, you get **8273E7**, and if you desaturate by 10%, it is **AAA1E7**.

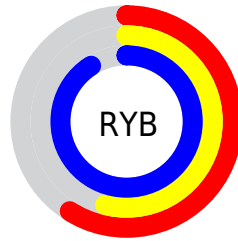
Distribution



Red (59%)

Green (54%)

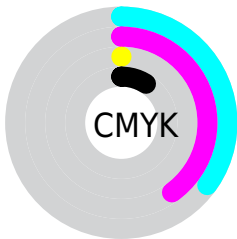
Blue (91%)



Red (59%)

Yellow (54%)

Blue (91%)

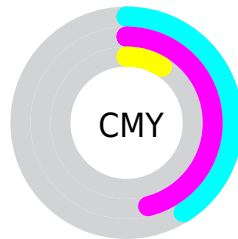


Cyan (35%)

Magenta (40%)

Yellow (0%)

Black (9%)



Cyan (41%)

Magenta (46%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 968AE7 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 968AE7 by changing the saturation by 10% instead.

968AE7

968AE7

FFFFFF

7A71CB

CFC0FF

5F58AF

ECDBFF

444194

FFF8FF

272A7A

001660

000048

000431

00011B

000000

968AE7

968AE7

8273E7

AAA1E7

6E5CE7

BEB8E7

5A45E7

D2CFE7

462EE7

E6E6E7

3117E7

FBFEE7

1E00E7

FFFFE7

Harmonies

Analogous

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



299BF3



968AE7



CE77C6

Triad

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



968AE7



D48246



00AD93

Complementary

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



968AE7



DBE78A

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.



43A965



968AE7



B09334

Square

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



968AE7



E9726B



82A140



00ACC2

Rectangle

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



968AE7



E36FA8



82A140



00AC83

Sweetspot

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



968AE7



E4E0FF



8ADCE7



706E80



000000



808080

Same Dimension

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



968AE7



9485FF



C38AE7



696773



1700B3



070033

Inverse Universe

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



E78ADB



FF85EF



AEE78A



736771



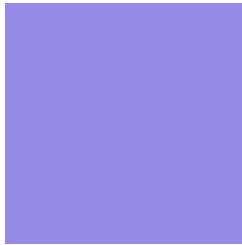
B3009B



33002C

Previews

White Background



This preview shows how the Hex color 968AE7 looks on a white background.

Color Contrast Check

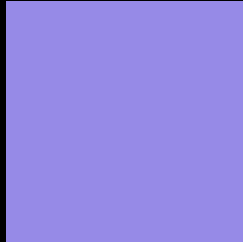
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 968AE7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

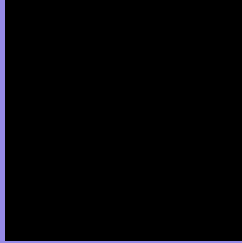
Any Text WCAG AA ✓ Pass

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 968AE7 Background



This preview shows how black text looks on a background with the Hex color 968AE7.

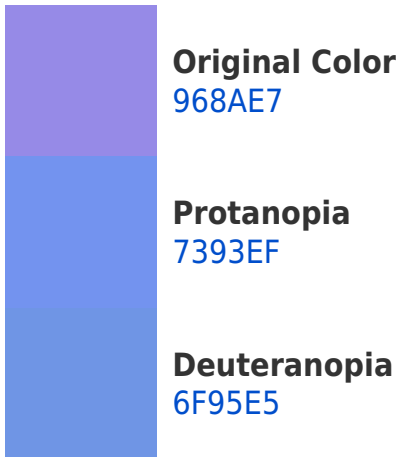


This preview shows how white text looks on a background with the Hex color 968AE7.

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](#).

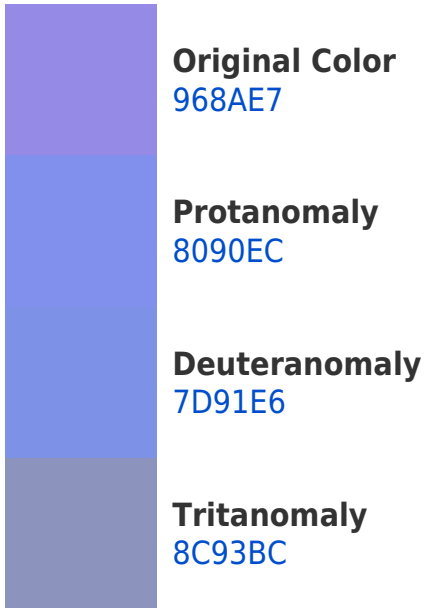
Dichromacy



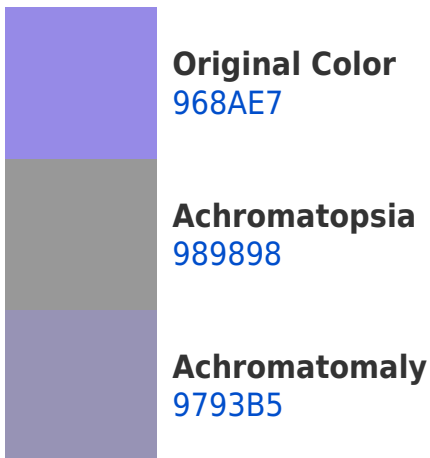


Tritanopia
8798A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 968AE7 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 #968AE7 looks like.

```
.text, #text, p{  
    color:#968AE7  
}
```

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 #968AE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #968AE7
}
```

Border

The CSS property to change the border of an element to Hex 968AE7 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
#968AE7 }
```

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

```
.border{ border-color:#968AE7 }
```

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

Here you see how a box with a 4 pixel #968AE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #968AE7; -webkit-box-shadow:4px 4px  
4px 4px #968AE7; box-shadow:4px 4px 4px  
4px #968AE7 }
```

Background

The CSS property to change the background color of an element to Hex 968AE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#968AE7 }
```

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

```
.background{ background-color:#968AE7 }
```

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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