

# Converting Colors

Hex(948EE9)

Have a look what the booklet for  
Hex(948EE9) contains.

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# Color

**Hex(948EE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	948EE9
RGB	148, 142, 233
RGB Percent	58%, 56%, 91%
CMY	0.4196, 0.4431, 0.0863
CMYK	0.36, 0.39, 0.00, 0.09
HSL	244°, 67%, 74%
HSV	244°, 39%, 91%
XYZ	36.5937, 31.5251, 81.2470
YIQ	154.1680, -25.6350, 29.5730

# Conversions

## Conversions Part 2

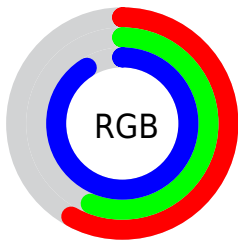
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 142, 233
Decimal	9735913
CIELab	62.95, 23.45, -45.29
CIELCh	63, 50.995, 297.373
Yxy	31.5251, 0.2450, 0.2111
Android (android.graphics.Color)	4287925993 (0xFF948EE9)
YUV	154.1680, 38.8642, -5.4093
Hunter-Lab	56.1472, 18.0791, -46.4917

# Details

The Hex color **948EE9** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E3E98E**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **CDC4FF**, and **5D5CB1** is the 20% darker color. If you saturate the color by 10%, you get **7E77E9**, and if you desaturate by 10%, it is **AAA5E9**.

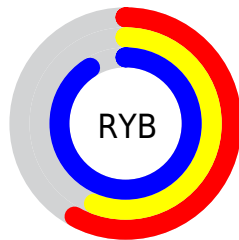
# Distribution



Red (58%)

Green (56%)

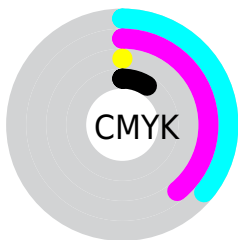
Blue (91%)



Red (58%)

Yellow (56%)

Blue (91%)

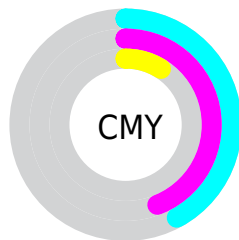


Cyan (36%)

Magenta (39%)

Yellow (0%)

Black (9%)



Cyan (42%)

Magenta (44%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 948EE9 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 948EE9 by changing the saturation by 10% instead.



■ 948EE9

■ 948EE9

FFFFFF

■ 7874CD

■ CDC4FF

■ 5D5CB1

■ EAE0FF

■ 424496

■ FFFCFF

■ 242E7B

■ 001A62

■ 00014A

■ 000432

■ 00021C

■ 000000

■ 948EE9

■ 948EE9

■ 7E77E9

■ AAA5E9

■ 685FE9

■ C0BDE9

■ 5348E9

■ D5D4E9

■ 3D31E9

■ EBEBE9

■ 271AE9

■ FFFFE9

■ 1102E9

■ 0F00E9

# Harmonies

## Analogous

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



299EF3



948EE9



CC7CCA

# Triad

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



948EE9



D8844C



00AF93

# Complementary

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



948EE9



E3E98E

# 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.



4EAB65



948EE9



B5953A

# Square

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



948EE9



EB7571



89A244



00AEC1

# Rectangle

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



948EE9



E273AD



89A244



00AE83



# Sweetspot

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



948EE9



E2E0FF



8EE4E9



6F6E80



000000



808080



# Same Dimension

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



948EE9



8F87FF



C08EE9



6A6A75



0C00B5



040036



# Inverse Universe

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



E98EE3



FF87F7



B7E98E



756A75



B500A9

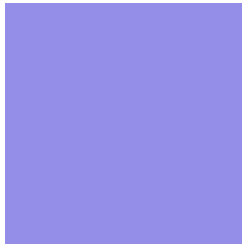


360032



# Previews

## White Background



This preview shows how the Hex color 948EE9 looks on a white background.

## Color Contrast Check

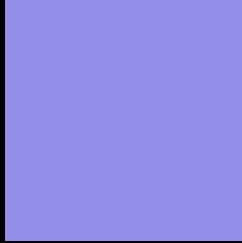
Large Text (above 18pt) WCAG AA × Fail

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 948EE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

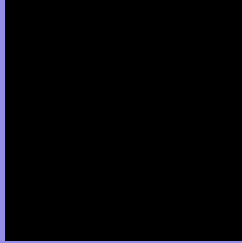
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 948EE9 Background



This preview shows how black text looks on a background with the Hex color 948EE9.



This preview shows how white text looks on a background with the Hex color 948EE9.

# 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](#).

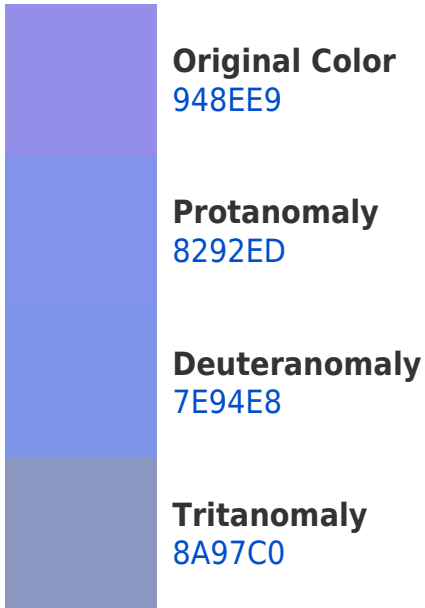
## Dichromacy



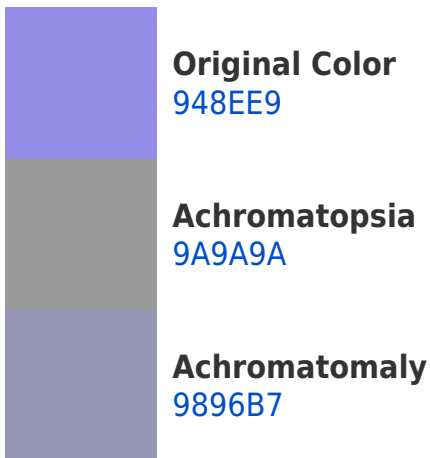


**Tritanopia**  
859CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 948EE9 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 #948EE9 looks like.

```
.text, #text, p{  
    color:#948EE9  
}
```

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 #948EE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948EE9
}
```

## Border

The CSS property to change the border of an element to Hex 948EE9 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
#948EE9 }
```

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

```
.border{ border-color:#948EE9 }
```

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

Here you see how a box with a 4 pixel #948EE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948EE9; -webkit-box-shadow:4px 4px  
4px 4px #948EE9; box-shadow:4px 4px 4px  
4px #948EE9 }
```

# Background

The CSS property to change the background color of an element to Hex 948EE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948EE9 }
```

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

```
.background{ background-color:#948EE9 }
```

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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