

# Converting Colors

Hex(948AE1)

Have a look what the booklet for  
Hex(948AE1) contains.

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# Color

**Hex(948AE1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	948AE1
RGB	148, 138, 225
RGB Percent	58%, 54%, 88%
CMY	0.4196, 0.4588, 0.1176
CMYK	0.34, 0.39, 0.00, 0.12
HSL	247°, 59%, 71%
HSV	247°, 39%, 88%
XYZ	34.8918, 29.9091, 75.1682
YIQ	150.9080, -21.9670, 29.1770

# Conversions

## Conversions Part 2

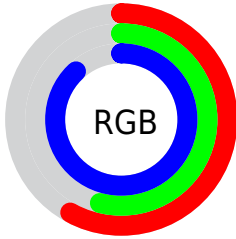
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">148, 138, 225</a>
Decimal	<a href="#">9734881</a>
CIELab	<a href="#">61.58, 23.63, -43.01</a>
CIELCh	<a href="#">62, 49.076, 298.789</a>
Yxy	<a href="#">29.9091, 0.2493, 0.2137</a>
Android (android.graphics.Color)	<a href="#">4287924961 (0xFF948AE1)</a>
YUV	<a href="#">150.9080, 36.5274, -2.5503</a>
Hunter-Lab	<a href="#">54.6892, 18.1772, -43.2094</a>

# Details

The Hex color **948AE1** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D7E18A**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **CCBFFF**, and **5E58A9** is the 20% darker color. If you saturate the color by 10%, you get **8073E1**, and if you desaturate by 10%, it is **A8A0E1**.

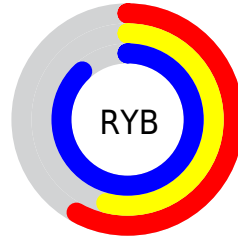
# Distribution



Red (58%)

Green (54%)

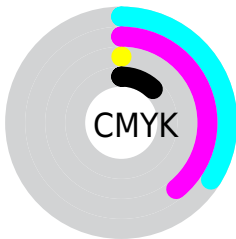
Blue (88%)



Red (58%)

Yellow (54%)

Blue (88%)

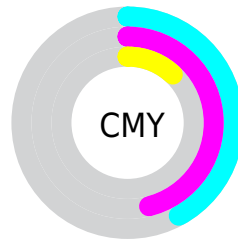


Cyan (34%)

Magenta (39%)

Yellow (0%)

Black (12%)



Cyan (42%)

Magenta (46%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 948AE1 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 948AE1 by changing the saturation by 10% instead.



■ 948AE1

■ 948AE1

FFFFFF

■ 7971C5

■ CCBFFF

■ 5E58A9

■ E9DBFF

■ 43418E

■ FFF8FF

■ 272B74

■ 01165B

■ 000043

■ 00032C

■ 000117

■ 000000

 948AE1

 948AE1

 8073E1

 A8A0E1

 6C5DE1

 BCB7E1

 5846E1

 D0CEE1

 4430E1

 E4E4E1

 3019E1

 F8FBE1

 1D03E1

 FFFFE1

 1A00E1

# Harmonies

## Analogous

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



379AEB



948AE1



C879C2

# Triad

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



948AE1



D1824B



00AA91

# Complementary

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



948AE1



D7E18A

# 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.



4BA766



948AE1



AF923A

# Square

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



948AE1



E4736D



849E45



00AABD

# Rectangle

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



948AE1



DD71A7



849E45



00A982



# Sweetspot

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



948AE1



E4E0FF



8AD8E1



706E80



000000



808080



# Same Dimension

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



948AE1



978AFF



BE8AE1



666570



1400B0



060030



# Inverse Universe

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



E18AD7



FF8AF2



ADE18A



70656F



B0009C

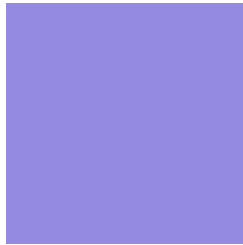


30002B



# Previews

## White Background



This preview shows how the Hex color 948AE1 looks on a white background.

## Color Contrast Check

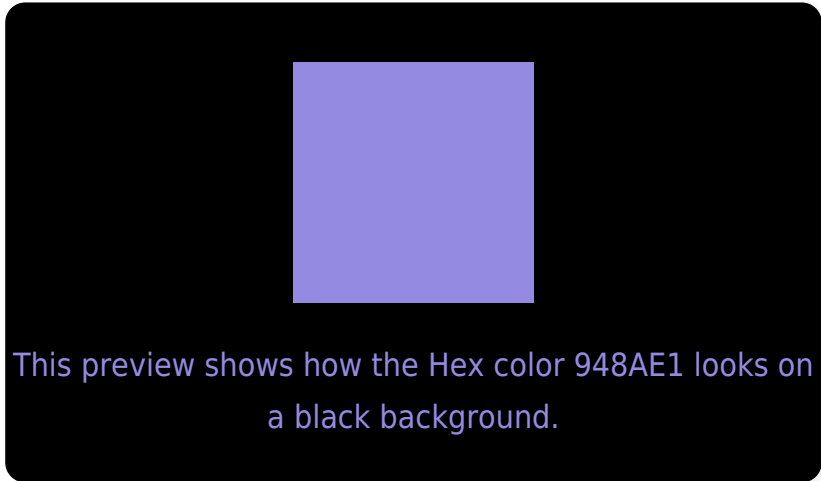
Large Text (above 18pt) WCAG AA ✓ Pass

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

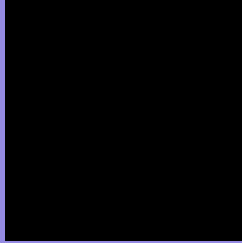
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 948AE1 Background



This preview shows how black text looks on a background with the Hex color 948AE1.

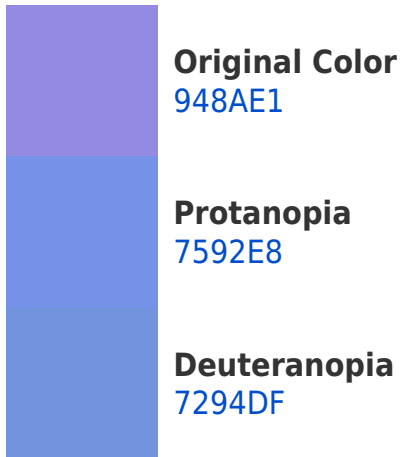


This preview shows how white text looks on a background with the Hex color 948AE1.

# 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](#).

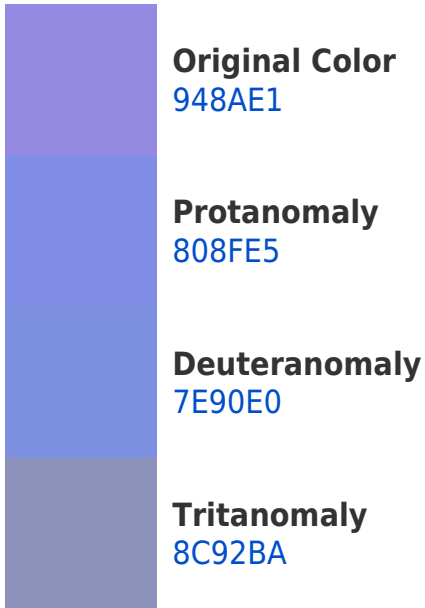
## Dichromacy



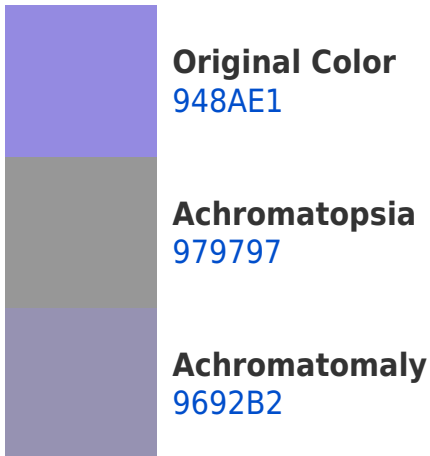


**Tritanopia**  
8797A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 948AE1 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 #948AE1 looks like.

```
.text, #text, p{  
    color:#948AE1  
}
```

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 #948AE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948AE1  
}
```

## Border

The CSS property to change the border of an element to Hex 948AE1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

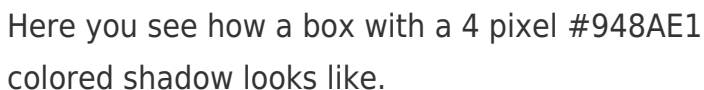
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#948AE1 }
```

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

```
.border{ border-color:#948AE1 }
```

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



Here you see how a box with a 4 pixel #948AE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948AE1; -webkit-box-shadow:4px 4px  
4px 4px #948AE1; box-shadow:4px 4px 4px  
4px #948AE1 }
```

# Background

The CSS property to change the background color of an element to Hex 948AE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948AE1 }
```

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

```
.background{ background-color:#948AE1 }
```

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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