

# Converting Colors

Hex(A398E1)

Have a look what the booklet for  
Hex(A398E1) contains.

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# Color

**Hex(A398E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A398E1
RGB	163, 152, 225
RGB Percent	64%, 60%, 88%
CMY	0.3608, 0.4039, 0.1176
CMYK	0.28, 0.32, 0.00, 0.12
HSL	249°, 55%, 74%
HSV	249°, 32%, 88%
XYZ	39.9231, 35.6792, 76.0168
YIQ	163.6110, -16.8770, 25.0350

# Conversions

## Conversions Part 2

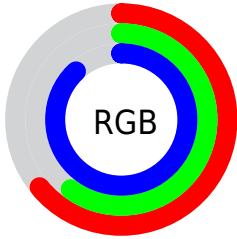
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">163, 152, 225</a>
Decimal	<a href="#">10721505</a>
CIELab	<a href="#">66.27, 19.82, -35.57</a>
CIELCh	<a href="#">66, 40.723, 299.131</a>
Yxy	<a href="#">35.6792, 0.2633, 0.2353</a>
Android (android.graphics.Color)	<a href="#">4288911585 (0xFFA398E1)</a>
YUV	<a href="#">163.6110, 30.2648, -0.5358</a>
Hunter-Lab	<a href="#">59.7321, 14.7727, -33.6417</a>

# Details

The Hex color **A398E1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D6E198**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **DBCEFF**, and **6D65A9** is the 20% darker color. If you saturate the color by 10%, you get **9082E1**, and if you desaturate by 10%, it is **B6AFE1**.

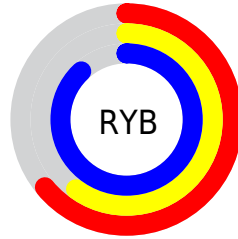
# Distribution



Red (64%)

Green (60%)

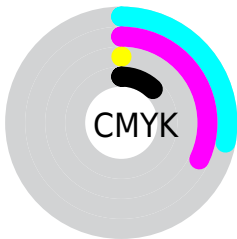
Blue (88%)



Red (64%)

Yellow (60%)

Blue (88%)

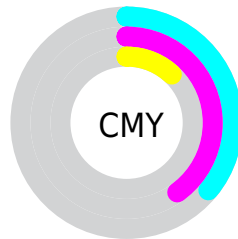


Cyan (28%)

Magenta (32%)

Yellow (0%)

Black (12%)



Cyan (36%)

Magenta (40%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A398E1 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 A398E1 by changing the saturation by 10% instead.



 A398E1

 A398E1

FFFFFF

 887EC5

 DBCEFF

 6D65A9

 F8EBFF

 534D8F

 3A3675

 20215C

 000D44

 00002D

 000117

 000000

 A398E1

 A398E1

 9082E1

 B6AFE1

 7D6BE1

 C9C5E1

 6A55E1

 DCDCE1

 573EE1

 EFF2E1

 4328E1

 FFFFE1

 3011E1

 2200E1

# Harmonies

## Analogous

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



66A5EA



A398E1



CE8BC7

# Triad

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



A398E1



D69263



29B49F

# Complementary

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



A398E1



D6E198

# 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.



67B17A



A398E1



B99F57

# Square

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



A398E1



E6877F



94AA60



00B4C4

# Rectangle

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



A398E1



DF85B0



94AA60



42B392



# Sweetspot

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



A398E1



E9E6FF



98D6E1



737080



000000



808080



# Same Dimension

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



A398E1



AB9CFF



C798E1



676570



1B00B0



070030



# Inverse Universe

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



E198D6



FF9CF0



B2E198



70656F



B00095

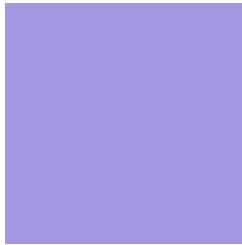


300029



# Previews

## White Background



This preview shows how the Hex color A398E1 looks on a white background.

## Color Contrast Check

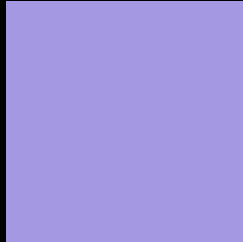
Large Text (above 18pt) WCAG AA × Fail

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 A398E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

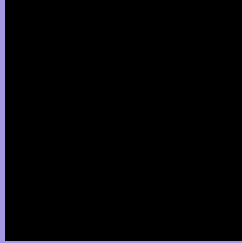
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A398E1 Background



This preview shows how black text looks on a background with the Hex color A398E1.

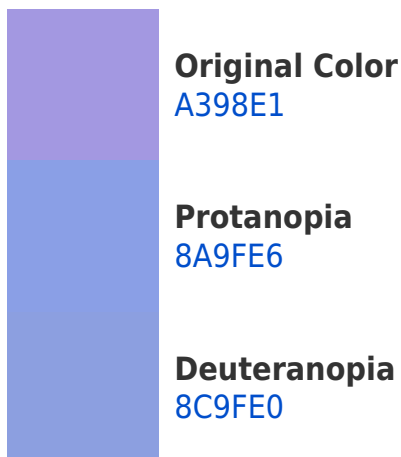


This preview shows how white text looks on a background with the Hex color A398E1.

# 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](#).

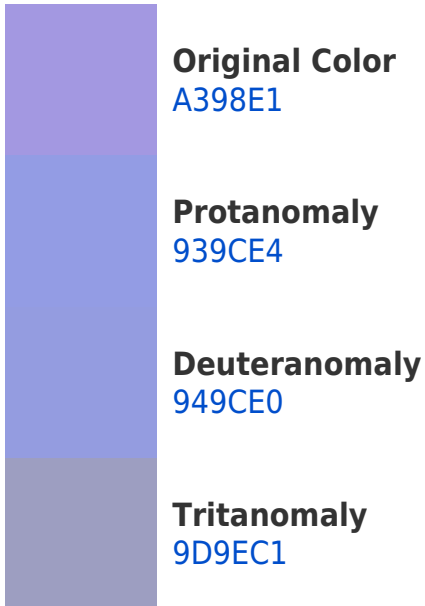
## Dichromacy



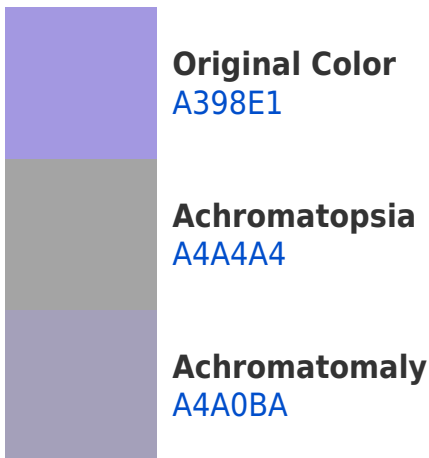


**Tritanopia**  
99A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A398E1 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 #A398E1 looks like.

```
.text, #text, p{  
    color:#A398E1  
}
```

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 #A398E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A398E1
}
```

## Border

The CSS property to change the border of an element to Hex A398E1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

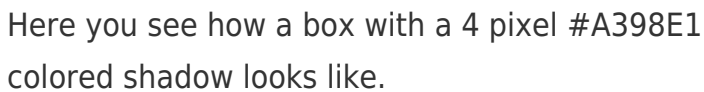
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A398E1 }
```

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

```
.border{ border-color:#A398E1 }
```

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



Here you see how a box with a 4 pixel #A398E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A398E1; -webkit-box-shadow:4px 4px  
4px 4px #A398E1; box-shadow:4px 4px 4px  
4px #A398E1 }
```

# Background

The CSS property to change the background color of an element to Hex A398E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A398E1 }
```

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

```
.background{ background-color:#A398E1 }
```

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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