

# Converting Colors

Hex(A89ED2)

Have a look what the booklet for  
Hex(A89ED2) contains.

<b>Hex(A89ED2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(A89ED2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A89ED2
RGB	168, 158, 210
RGB Percent	66%, 62%, 82%
CMY	0.3412, 0.3804, 0.1765
CMYK	0.20, 0.25, 0.00, 0.18
HSL	252°, 37%, 72%
HSV	252°, 25%, 82%
XYZ	40.0082, 37.4317, 66.0891
YIQ	166.9180, -10.7320, 18.2920

# Conversions

## Conversions Part 2

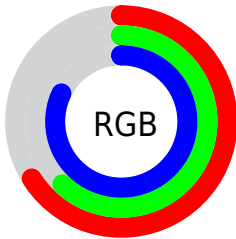
Format	Color
<a href="#">RYB</a>	<a href="#">168, 158, 210</a>
Decimal	<a href="#">11050706</a>
CIELab	<a href="#">67.60, 14.38, -25.20</a>
CIELCh	<a href="#">68, 29.013, 299.704</a>
Yxy	<a href="#">37.4317, 0.2787, 0.2608</a>
Android (android.graphics.Color)	<a href="#">4289240786 (0xFFA89ED2)</a>
YUV	<a href="#">166.9180, 21.2394, 0.9489</a>
Hunter-Lab	<a href="#">61.1814, 9.6583, -21.2190</a>

# Details

The Hex color **A89ED2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C8D29E**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **E0D5FF**, and **736B9B** is the 20% darker color. If you saturate the color by 10%, you get **9789D2**, and if you desaturate by 10%, it is **B9B3D2**.

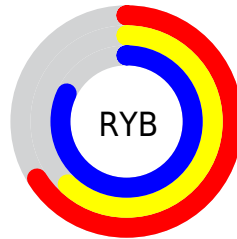
# Distribution



Red (66%)

Green (62%)

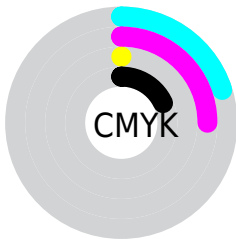
Blue (82%)



Red (66%)

Yellow (62%)

Blue (82%)

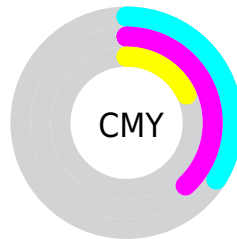


Cyan (20%)

Magenta (25%)

Yellow (0%)

Black (18%)



Cyan (34%)

Magenta (38%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A89ED2 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 A89ED2 by changing the saturation by 10% instead.



 A89ED2

 A89ED2

FFFFFF

 8D84B6

 E0D5FF

 736B9B

 FDF1FF

 5A5281

 423B68

 2A2650

 121238

 000023

 000009

 000000

 A89ED2

 A89ED2

 9789D2

 B9B3D2

 8674D2

 CAC8D2

 755FD2

 DBDDD2

 644AD2

 ECF2D2

 5335D2

 FDFFD2

 4220D2

 FFFFD2

 310BD2

 2800D2

# Harmonies

## Analogous

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



82A7D8



A89ED2



C696BF

# Triad

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



A89ED2



CD9A78



61B3A3

# Complementary

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



A89ED2



C8D29E

# 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.



7DB089



A89ED2



B7A370

# Square

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



A89ED2



D8938C



9CAB77



51B2BE

# Rectangle

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



A89ED2



D292AF



9CAB77



69B39A



# Sweetspot

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



A89ED2



F1EDFF



9EC8D2



777580



000000



808080



# Same Dimension

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



A89ED2



C1B3FF



C29ED2



605E69



2000A8



080029



# Inverse Universe

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



D29EC8



FFB3F0



AED29E



695E67



A80088

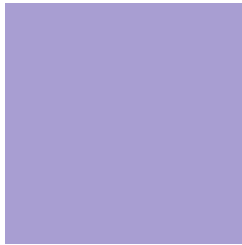


290021



# Previews

## White Background



This preview shows how the Hex color A89ED2 looks on a white background.

## Color Contrast Check

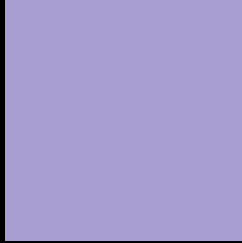
Large Text (above 18pt) WCAG AA × Fail

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 A89ED2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

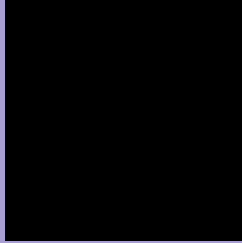
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A89ED2 Background



This preview shows how black text looks on a background with the Hex color A89ED2.

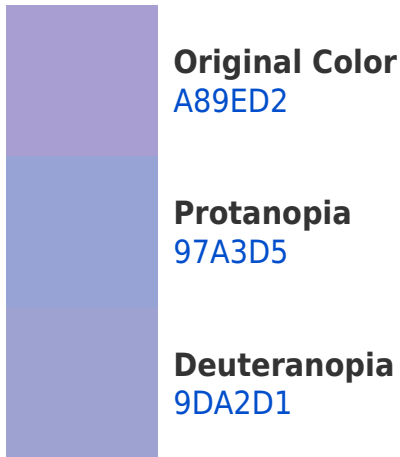


This preview shows how white text looks on a background with the Hex color A89ED2.

# 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](#).

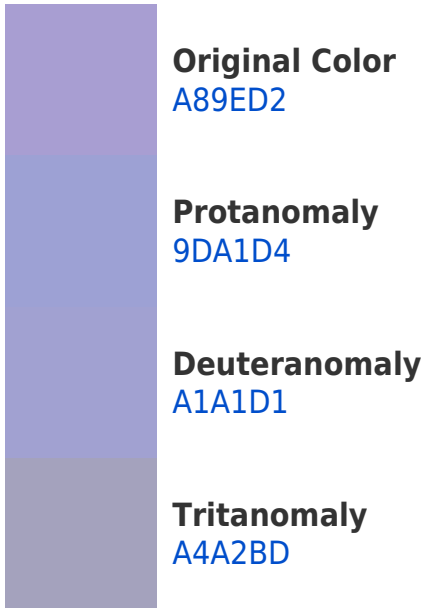
## Dichromacy



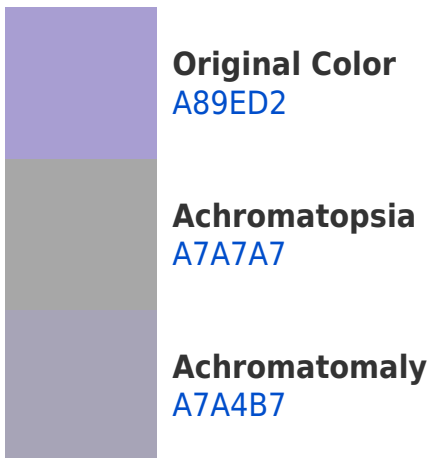


**Tritanopia**  
A2A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A89ED2 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 #A89ED2 looks like.

```
.text, #text, p{  
    color:#A89ED2  
}
```

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 #A89ED2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A89ED2
}
```

## Border

The CSS property to change the border of an element to Hex A89ED2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

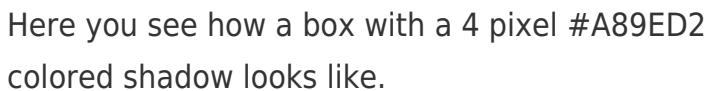
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A89ED2 }
```

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

```
.border{ border-color:#A89ED2 }
```

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



Here you see how a box with a 4 pixel #A89ED2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A89ED2; -webkit-box-shadow:4px 4px  
4px 4px #A89ED2; box-shadow:4px 4px 4px  
4px #A89ED2 }
```

# Background

The CSS property to change the background color of an element to Hex A89ED2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A89ED2 }
```

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

```
.background{ background-color:#A89ED2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor