

Converting Colors

Hex(A89CE8)

Have a look what the booklet for
Hex(A89CE8) contains.

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Color

Hex(A89CE8)

Conversions

Conversions Part 1

Format	Color
Hex	A89CE8
RGB	168, 156, 232
RGB Percent	66%, 61%, 91%
CMY	0.3412, 0.3882, 0.0902
CMYK	0.28, 0.33, 0.00, 0.09
HSL	249°, 62%, 76%
HSV	249°, 33%, 91%
XYZ	42.6024, 37.9280, 81.4194
YIQ	168.2520, -17.2440, 26.1800

Conversions

Conversions Part 2

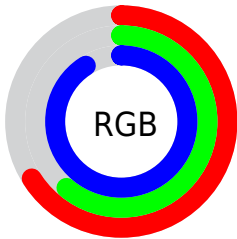
Format	Color
R_{YB}	168, 156, 232
Decimal	11050216
CIE _{Lab}	67.97, 20.72, -36.76
CIE _{LCh}	68, 42.198, 299.410
Yxy	37.9280, 0.2631, 0.2342
Android (android.graphics.Color)	4289240296 (0xFFA89CE8)
YUV	168.2520, 31.4278, -0.2210
Hunter-Lab	61.5857, 15.7039, -35.2744

Details

The Hex color **A89CE8** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DCE89C**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **E0D3FF**, and **7269B0** is the 20% darker color. If you saturate the color by 10%, you get **9485E8**, and if you desaturate by 10%, it is **BCB3E8**.

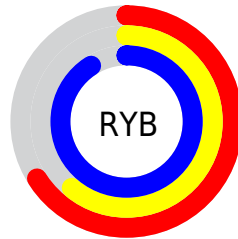
Distribution



Red (66%)

Green (61%)

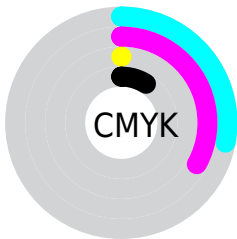
Blue (91%)



Red (66%)

Yellow (61%)

Blue (91%)

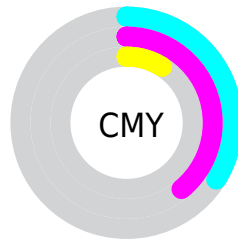


Cyan (28%)

Magenta (33%)

Yellow (0%)

Black (9%)



Cyan (34%)

Magenta (39%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color A89CE8 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 A89CE8 by changing the saturation by 10% instead.

 A89CE8

 A89CE8

FFFFFF

 8D82CC

 E0D3FF

 7269B0

 FEEFFF

 585195

 3E3A7B

 242462

 041049

 000033

 00021C


 000000

 A89CE8

 A89CE8

 9485E8

 BCB3E8

 816EE8

 CFCAE8

 6D56E8

 E3E2E8

 5A3FE8

 F6F9E8

 4628E8

 FFFFE8

 3311E8

 2500E8

Harmonies

Analogous

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



68AAF1



A89CE8



D48ECD

Triad

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



A89CE8



DC9665



25B9A4

Complementary

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



A89CE8



DCE89C

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.



69B67E



A89CE8



BEA358

Square

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



A89CE8



ED8A82



97AE61



00B9CA

Rectangle

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



A89CE8



E688B5



97AE61



41B996

Sweetspot

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



A89CE8



EAE6FF



9CDDE8



737080



000000



808080

Same Dimension

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



A89CE8



AB9CFF



CD9CE8



696773



1C00B3



080033

Inverse Universe

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



E89CDC



FF9CEF



B7E89C



736771



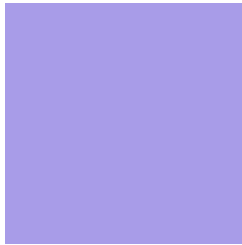
B30096



33002B

Previews

White Background



This preview shows how the Hex color A89CE8 looks on a white background.

Color Contrast Check

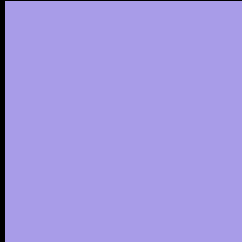
Large Text (above 18pt) WCAG AA × Fail

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 A89CE8 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 A89CE8 Background



This preview shows how black text looks on a background with the Hex color A89CE8.

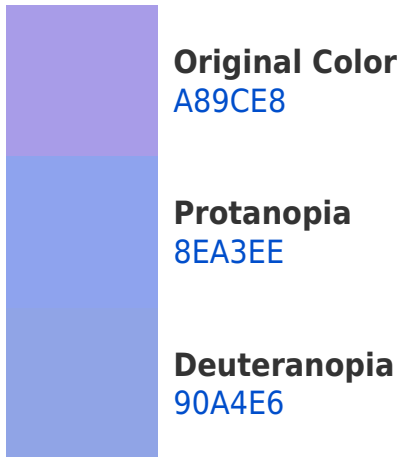


This preview shows how white text looks on a background with the Hex color A89CE8.

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](#).

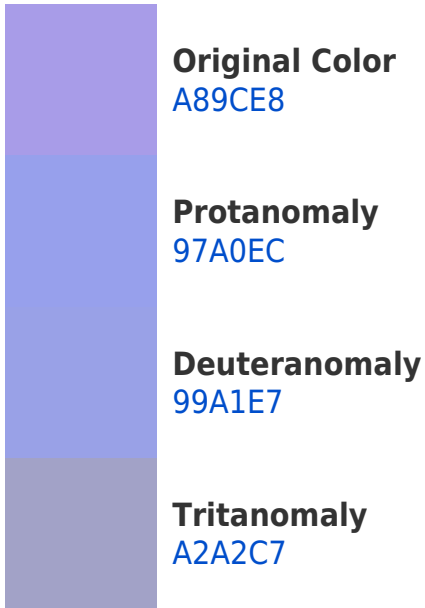
Dichromacy



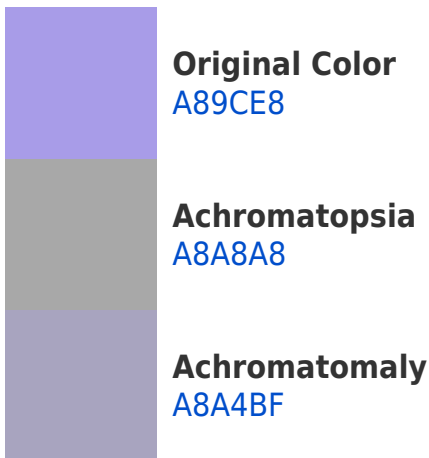


Tritanopia
9EA6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A89CE8 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 #A89CE8 looks like.

```
.text, #text, p{  
    color:#A89CE8  
}
```

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 #A89CE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A89CE8
}
```

Border

The CSS property to change the border of an element to Hex A89CE8 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
#A89CE8 }
```

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

```
.border{ border-color:#A89CE8 }
```

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

Here you see how a box with a 4 pixel #A89CE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A89CE8; -webkit-box-shadow:4px 4px  
4px 4px #A89CE8; box-shadow:4px 4px 4px  
4px #A89CE8 }
```

Background

The CSS property to change the background color of an element to Hex A89CE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A89CE8 }
```

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

```
.background{ background-color:#A89CE8 }
```

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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