

Converting Colors

Hex(A89DE9)

Have a look what the booklet for
Hex(A89DE9) contains.

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Color

Hex(A89DE9)

Conversions

Conversions Part 1

Format	Color
Hex	A89DE9
RGB	168, 157, 233
RGB Percent	66%, 62%, 91%
CMY	0.3412, 0.3843, 0.0863
CMYK	0.28, 0.33, 0.00, 0.09
HSL	249°, 63%, 76%
HSV	249°, 33%, 91%
XYZ	42.9134, 38.3220, 82.2259
YIQ	168.9530, -17.8400, 25.9680

Conversions

Conversions Part 2

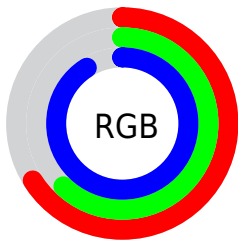
Format	Color
R _Y B	168, 157, 233
Decimal	11050473
CIE Lab	68.26, 20.40, -36.86
CIE LCh	68, 42.128, 298.965
Yxy	38.3220, 0.2625, 0.2344
Android (android.graphics.Color)	4289240553 (0xFFA89DE9)
YUV	168.9530, 31.5752, -0.8358
Hunter-Lab	61.9047, 15.4059, -35.4195

Details

The Hex color **A89DE9** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DEE99D**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **E0D4FF**, and **726AB1** is the 20% darker color. If you saturate the color by 10%, you get **9486E9**, and if you desaturate by 10%, it is **BCB4E9**.

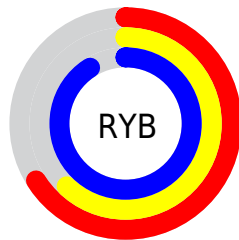
Distribution



Red (66%)

Green (62%)

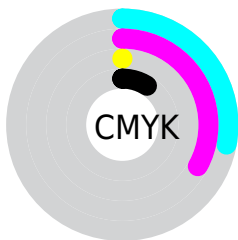
Blue (91%)



Red (66%)

Yellow (62%)

Blue (91%)

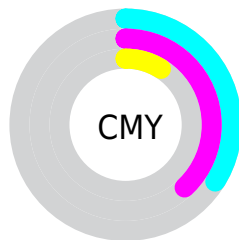


Cyan (28%)

Magenta (33%)

Yellow (0%)

Black (9%)



Cyan (34%)

Magenta (38%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color A89DE9 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 A89DE9 by changing the saturation by 10% instead.

 A89DE9

 A89DE9

FFFFFF

 8D83CD

 E0D4FF

 726AB1

 FEF0FF

 585296

 3E3A7C

 242563

 03114A

 000033

 00021D

 000000

 A89DE9

 A89DE9

 9486E9

 BCB4E9

 806EE9

 D0CCE9

 6C57E9

 E4E3E9

 5840E9

 F8FAE9

 4428E9

 FFFFE9

 3011E9

 2200E9

Harmonies

Analogous

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



68ABF2



A89DE9



D58FCE

Triad

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



A89DE9



DE9666



28BAA4

Complementary

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



A89DE9



DEE99D

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.



6AB77E



A89DE9



C0A459

Square

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



A89DE9



EE8B84



99AF62



00BACA

Rectangle

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



A89DE9



E789B6



99AF62



44B997

Sweetspot

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



A89DE9



E9E6FF



9DDFE9



727080



000000



808080

Same Dimension

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



A89DE9



AA9CFF



CD9DE9



6B6A75



1A00B5



080036

Inverse Universe

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



E99DDE



FF9CF1



B9E99D



756A74



B5009B



36002E

Previews

White Background



This preview shows how the Hex color A89DE9 looks on a white background.

Color Contrast Check

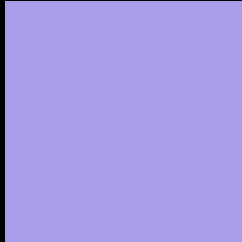
Large Text (above 18pt) WCAG AA × Fail

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 A89DE9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

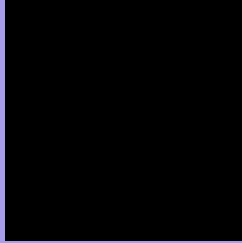
Any Text WCAG AA ✓ Pass

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 A89DE9 Background



This preview shows how black text looks on a background with the Hex color A89DE9.

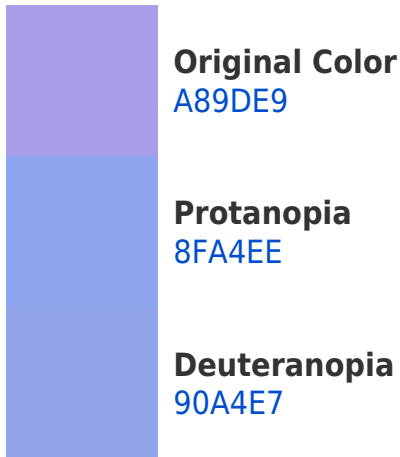


This preview shows how white text looks on a background with the Hex color A89DE9.

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](#).

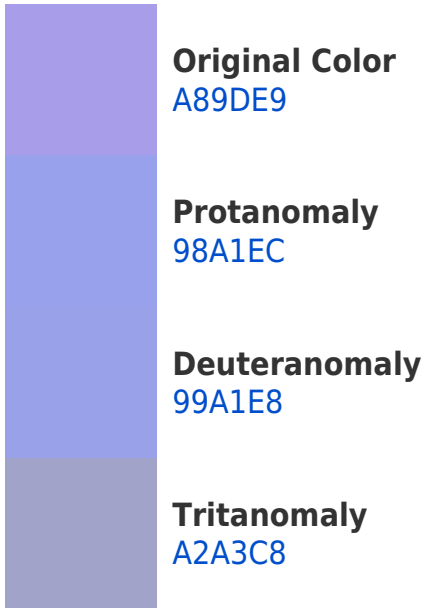
Dichromacy



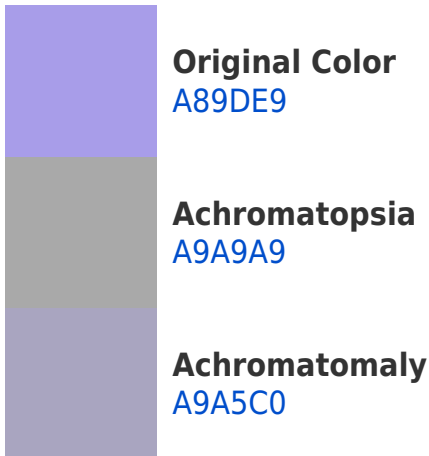


Tritanopia
9EA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A89DE9 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 #A89DE9 looks like.

```
.text, #text, p{  
    color:#A89DE9  
}
```

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 #A89DE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A89DE9
}
```

Border

The CSS property to change the border of an element to Hex A89DE9 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
#A89DE9 }
```

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

```
.border{ border-color:#A89DE9 }
```

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

Here you see how a box with a 4 pixel #A89DE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A89DE9; -webkit-box-shadow:4px 4px  
4px 4px #A89DE9; box-shadow:4px 4px 4px  
4px #A89DE9 }
```

Background

The CSS property to change the background color of an element to Hex A89DE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A89DE9 }
```

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

```
.background{ background-color:#A89DE9 }
```

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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