

# Converting Colors

Hex(A895E9)

Have a look what the booklet for  
Hex(A895E9) contains.

<b>Hex(A895E9)</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(A895E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A895E9
RGB	168, 149, 233
RGB Percent	66%, 58%, 91%
CMY	0.3412, 0.4157, 0.0863
CMYK	0.28, 0.36, 0.00, 0.09
HSL	254°, 66%, 75%
HSV	254°, 36%, 91%
XYZ	41.6039, 35.7029, 81.7894
YIQ	164.2570, -15.6400, 30.1520

# Conversions

## Conversions Part 2

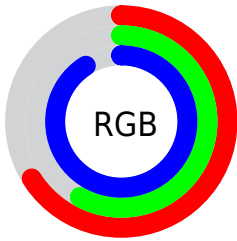
Format	Color
R <sub>Y</sub> B	168, 149, 233
Decimal	11048425
CIE <sub>Lab</sub>	66.29, 24.93, -39.92
CIE <sub>LCh</sub>	66, 47.067, 301.981
Y <sub>xy</sub>	35.7029, 0.2615, 0.2244
Android (android.graphics.Color)	4289238505 (0xFFA895E9)
YUV	164.2570, 33.8903, 3.2826
Hunter-Lab	59.7519, 19.7196, -39.3308

# Details

The Hex color **A895E9** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D6E995**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **E1CBFF**, and **7262B1** is the 20% darker color. If you saturate the color by 10%, you get **967EE9**, and if you desaturate by 10%, it is **BAACE9**.

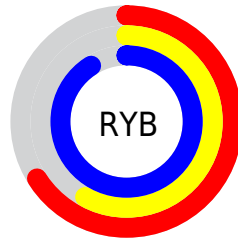
# Distribution



Red (66%)

Green (58%)

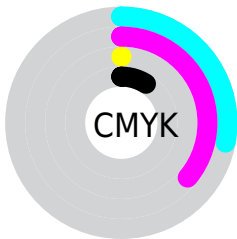
Blue (91%)



Red (66%)

Yellow (58%)

Blue (91%)

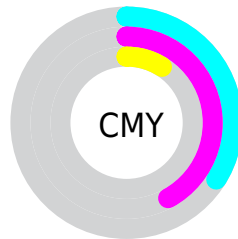


Cyan (28%)

Magenta (36%)

Yellow (0%)

Black (9%)



Cyan (34%)

Magenta (42%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A895E9 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 A895E9 by changing the saturation by 10% instead.



 A895E9

 A895E9

FFFFFF

 8D7BCD

 E1CBFF

 7262B1

 FEE7FF

 574A96

 3D337C

 231E62

 01094A

 000033

 00021D

 000000

 A895E9

 A895E9

 967EE9

 BAACE9

 8466E9

 CCC4E9

 724FE9

 DEDBE9

 6038E9

 F0F2E9

 4E21E9

 FFFFE9

 3C09E9

 3500E9

# Harmonies

## Analogous

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



5DA5F5



A895E9



D885CA

# Triad

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



A895E9



DA9157



00B7A3

# Complementary

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



A895E9



D6E995

# 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.



55B378



A895E9



B8A04A

# Square

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



A895E9



EE8377



8CAC57



00B6CD

# Rectangle

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



A895E9



EA7FAE



8CAC57



0CB694



# Sweetspot

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



A895E9



E9E3FF



95D7E9



736F80



000000



808080



# Same Dimension

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



A895E9



AA91FF



D195E9



6C6A75



2900B5



0C0036



# Inverse Universe

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



E995D6



FF91E6



ADE995



756A73



B5008C

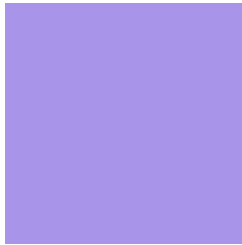


360029



# Previews

## White Background



This preview shows how the Hex color A895E9 looks on a white background.

## Color Contrast Check

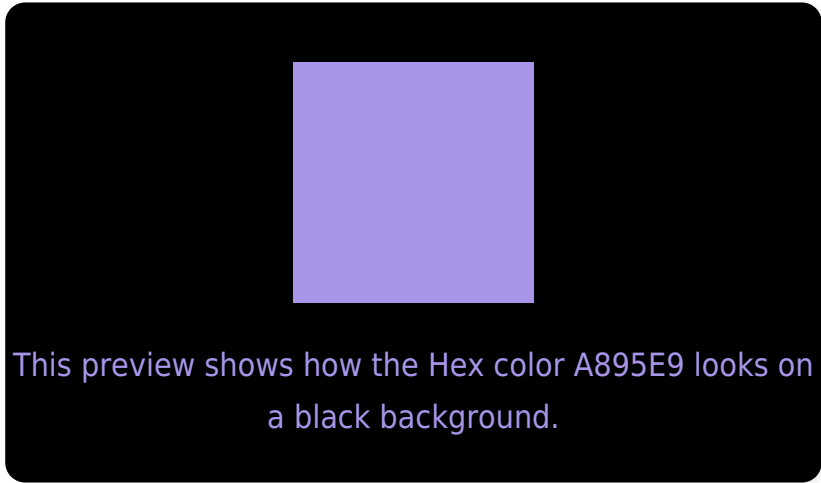
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 A895E9 Background



This preview shows how black text looks on a background with the Hex color A895E9.

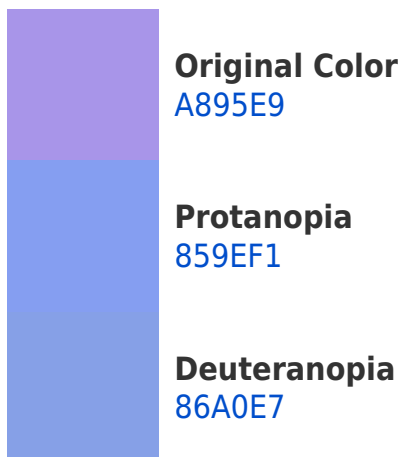


This preview shows how white text looks on a background with the Hex color A895E9.

# 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](#).

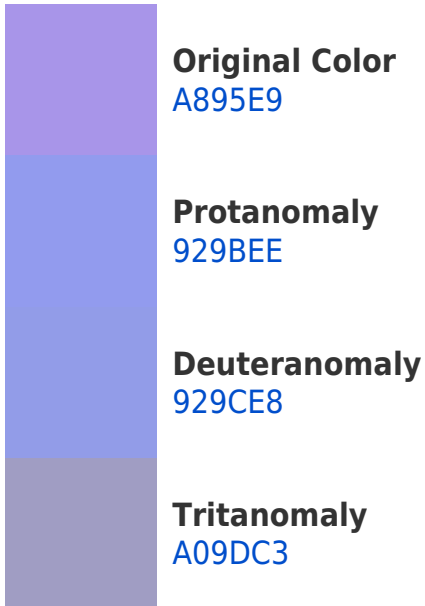
## Dichromacy



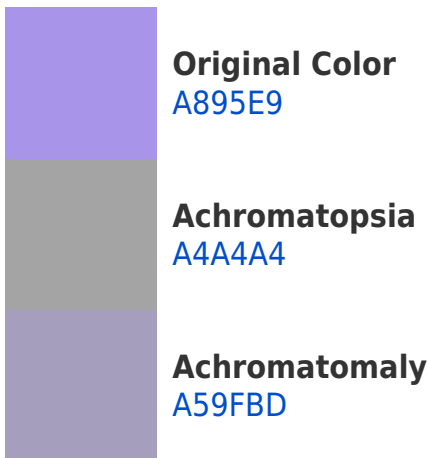


**Tritanopia**  
9CA1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A895E9 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 #A895E9 looks like.

```
.text, #text, p{  
    color:#A895E9  
}
```

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 #A895E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A895E9
}
```

## Border

The CSS property to change the border of an element to Hex A895E9 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
#A895E9 }
```

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

```
.border{ border-color:#A895E9 }
```

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

Here you see how a box with a 4 pixel #A895E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A895E9; -webkit-box-shadow:4px 4px  
4px 4px #A895E9; box-shadow:4px 4px 4px  
4px #A895E9 }
```

# Background

The CSS property to change the background color of an element to Hex A895E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A895E9 }
```

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

```
.background{ background-color:#A895E9 }
```

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