

Converting Colors

Hex(A891E7)

Have a look what the booklet for
Hex(A891E7) contains.

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Color

Hex(A891E7)

Conversions

Conversions Part 1

Format	Color
Hex	A891E7
RGB	168, 145, 231
RGB Percent	66%, 57%, 91%
CMY	0.3412, 0.4314, 0.0941
CMYK	0.27, 0.37, 0.00, 0.09
HSL	256°, 64%, 74%
HSV	256°, 37%, 91%
XYZ	40.6977, 34.3452, 80.0856
YIQ	161.6810, -13.8980, 31.6220

Conversions

Conversions Part 2

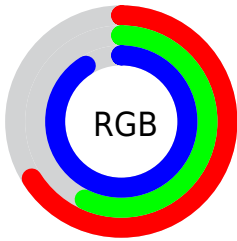
Format	Color
R_{YB}	168, 145, 231
Decimal	11047399
CIE _{Lab}	65.24, 26.71, -40.47
CIE _{LCh}	65, 48.491, 303.419
Yxy	34.3452, 0.2623, 0.2214
Android (android.graphics.Color)	4289237479 (0xFFA891E7)
YUV	161.6810, 34.1743, 5.5418
Hunter-Lab	58.6047, 21.3998, -39.9987

Details

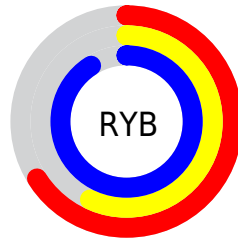
The Hex color **A891E7** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D0E791**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **E1C7FF**, and **725EAF** is the 20% darker color. If you saturate the color by 10%, you get **977AE7**, and if you desaturate by 10%, it is **B9A8E7**.

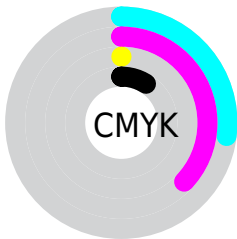
Distribution



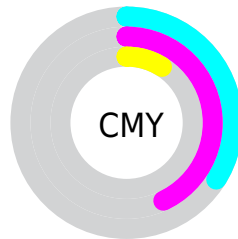
- Red (66%)
- Green (57%)
- Blue (91%)



- Red (66%)
- Yellow (57%)
- Blue (91%)



- Cyan (27%)
- Magenta (37%)
- Yellow (0%)
- Black (9%)



- Cyan (34%)
- Magenta (43%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color A891E7 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 A891E7 by changing the saturation by 10% instead.

 A891E7

 A891E7

FFFFFF

 8D77CB

 E1C7FF

 725EAF

 FEE3FF

 574694

 3D307A

 231A61

 020448

 000031

 00011B

 000000

 A891E7

 A891E7

 977AE7

 B9A8E7

 8663E7

 CABFE7

 754CE7

 DBD6E7

 6435E7

 ECEDE7

 531DE7

 FDFFE7

 4206E7

 FFFFE7

 3E00E7

Harmonies

Analogous

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



5AA1F5



A891E7



D881C6

Triad

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



A891E7



D78E51



00B4A2

Complementary

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



A891E7



D0E791

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.



4BB176



A891E7



B39E44

Square

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



A891E7



EC7F71



86AA53



00B3CD

Rectangle

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



A891E7



EA7AAA



86AA53



00B493

Sweetspot

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



A891E7



EAE3FF



91D0E7



736F80



000000



808080

Same Dimension

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



A891E7



AB8CFF



D391E7



6A6773



3000B3



0E0033

Inverse Universe

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



E791D0



FF8CE0



A5E791



736770



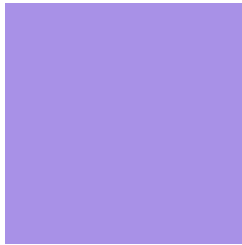
B30083



330025

Previews

White Background



This preview shows how the Hex color A891E7 looks on a white background.

Color Contrast Check

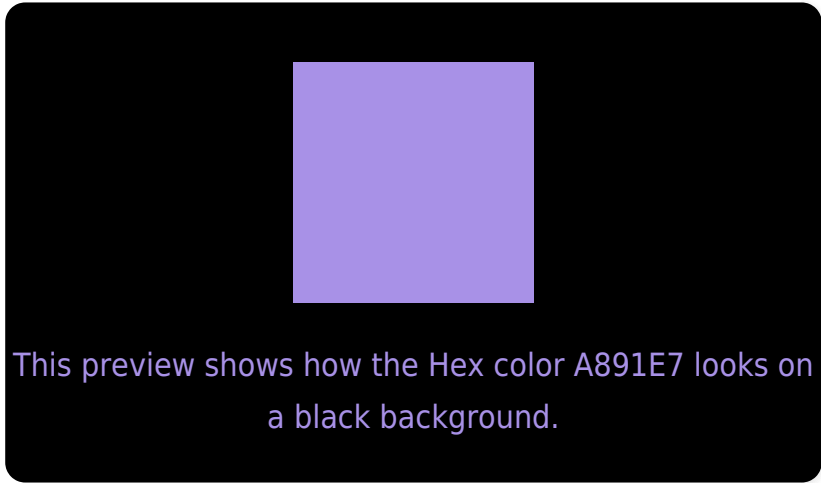
Large Text (above 18pt) WCAG AA × Fail

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

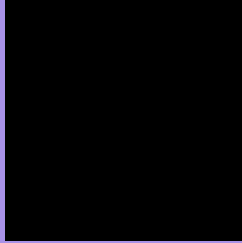
Any Text WCAG AA ✓ Pass

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 A891E7 Background



This preview shows how black text looks on a background with the Hex color A891E7.

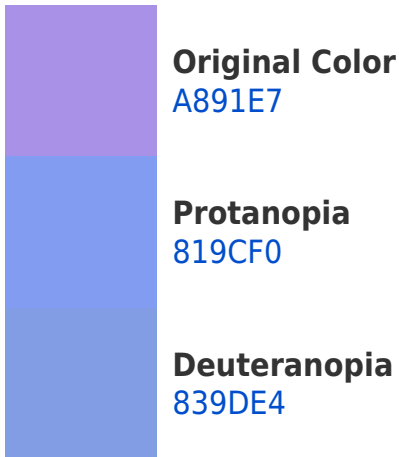


This preview shows how white text looks on a background with the Hex color A891E7.

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](#).

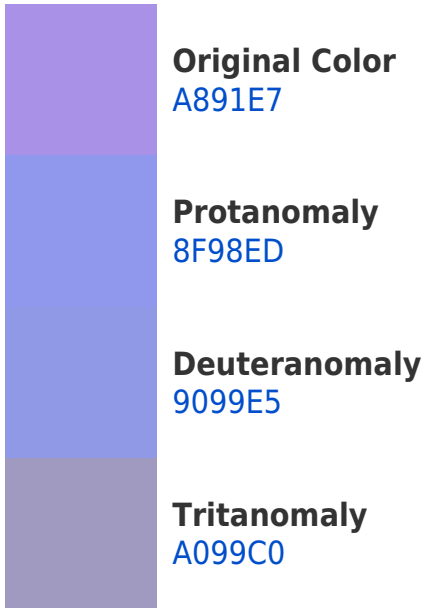
Dichromacy



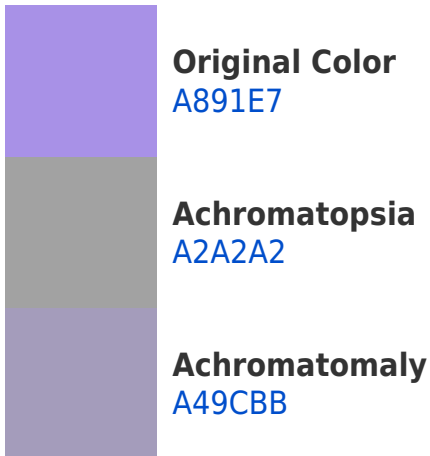


Tritanopia
9C9EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A891E7 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 #A891E7 looks like.

```
.text, #text, p{  
    color:#A891E7  
}
```

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 #A891E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A891E7  
}
```

Border

The CSS property to change the border of an element to Hex A891E7 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  
#A891E7 }
```

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

```
.border{ border-color:#A891E7 }
```

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

Here you see how a box with a 4 pixel #A891E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A891E7; -webkit-box-shadow:4px 4px  
4px 4px #A891E7; box-shadow:4px 4px 4px  
4px #A891E7 }
```

Background

The CSS property to change the background color of an element to Hex A891E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A891E7 }
```

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

```
.background{ background-color:#A891E7 }
```

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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