

Converting Colors

Hex(AA81E4)

Have a look what the booklet for
Hex(AA81E4) contains.

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Color

Hex(AA81E4)

Conversions

Conversions Part 1

Format	Color
Hex	AA81E4
RGB	170, 129, 228
RGB Percent	67%, 51%, 89%
CMY	0.3333, 0.4941, 0.1059
CMYK	0.25, 0.43, 0.00, 0.11
HSL	265°, 65%, 70%
HSV	265°, 43%, 89%
XYZ	38.4314, 29.8480, 77.1345
YIQ	152.5450, -7.3430, 39.4810

Conversions

Conversions Part 2

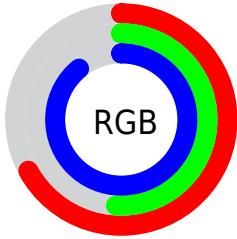
Format	Color
R_{YB}	170, 129, 228
Decimal	11174372
CIE _{Lab}	61.52, 35.58, -44.63
CIE _{LCh}	62, 57.077, 308.564
Yxy	29.8480, 0.2643, 0.2053
Android (android.graphics.Color)	4289364452 (0xFFAA81E4)
YUV	152.5450, 37.1993, 15.3080
Hunter-Lab	54.6333, 29.9562, -45.4657

Details

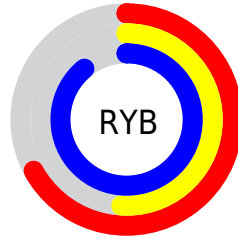
The Hex color **AA81E4** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **BBE481**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **E3B7FF**, and **734FAC** is the 20% darker color. If you saturate the color by 10%, you get **9D6AE4**, and if you desaturate by 10%, it is **B798E4**.

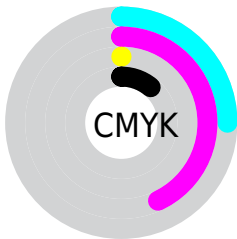
Distribution



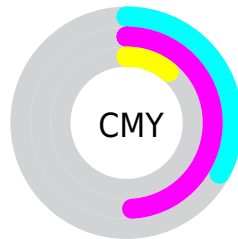
- Red (67%)
- Green (51%)
- Blue (89%)



- Red (67%)
- Yellow (51%)
- Blue (89%)



- Cyan (25%)
- Magenta (43%)
- Yellow (0%)
- Black (11%)



- Cyan (33%)
- Magenta (49%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA81E4 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 AA81E4 by changing the saturation by 10% instead.

■ AA81E4

■ AA81E4

FFFFFF

■ 8E67C8

■ E3B7FF

■ 734FAC

■ FFD2FF

■ 593791

■ FFEFFF

■ 3E2077

■ 23085E

■ 090046

■ 00042E

■ 000119

■ 000000

■ AA81E4

■ AA81E4

■ 9D6AE4

■ B798E4

■ 8F53E4

■ C5AFE4

■ 823DE4

■ D2C5E4

■ 7526E4

■ DFDCE4

■ 670FE4

■ EDF3E4

■ 5E00E4

■ FAFFE4

■ FFFFE4

Harmonies

Analogous

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



4995F9



AA81E4



DD6DBB

Triad

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



AA81E4



CD8533



00ADA2

Complementary

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



AA81E4



BBE481

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.



00AA6E



AA81E4



A29727

Square

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



AA81E4



E97158



6CA340



00ABD2

Rectangle

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



AA81E4



ED6699



6CA340



00AD90

Sweetspot

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



AA81E4



ECDEFF



81BCE4



746B80



000000



808080

Same Dimension

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



AA81E4



B17AFF



DA81E4



6C6773



4A00B3



150033

Inverse Universe

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



E481BB



FF7AC8



8BE481



73676E



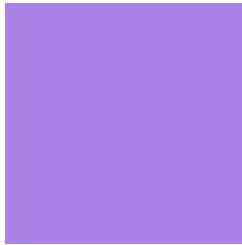
B30069



33001E

Previews

White Background



This preview shows how the Hex color AA81E4 looks on a white background.

Color Contrast Check

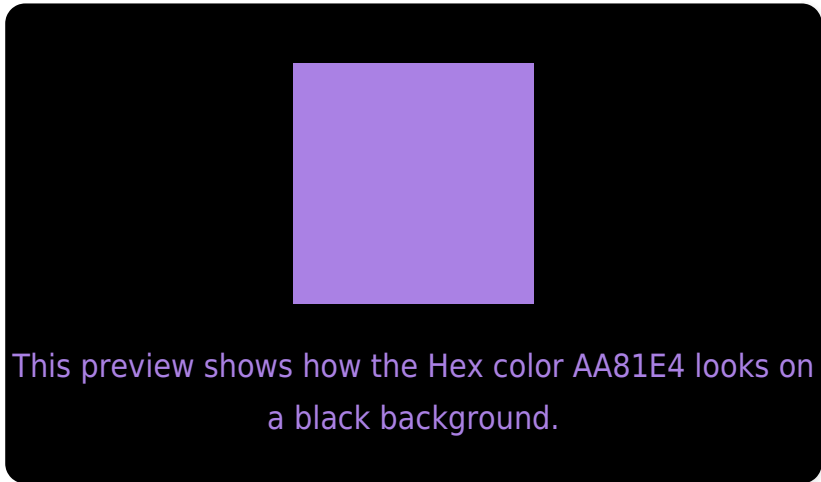
Large Text (above 18pt) WCAG AA ✓ Pass

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

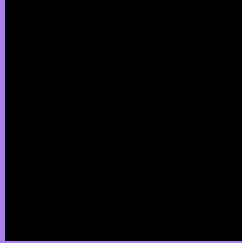
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex AA81E4 Background



This preview shows how black text looks on a background with the Hex color AA81E4.

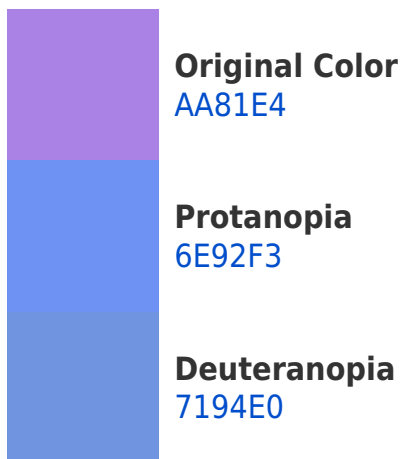



This preview shows how white text looks on a background with the Hex color AA81E4.

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](#).

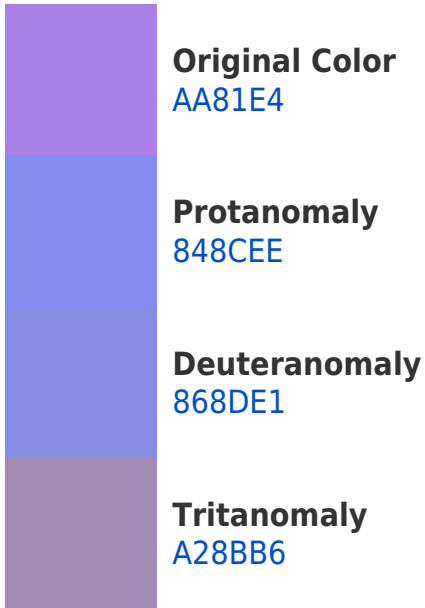
Dichromacy



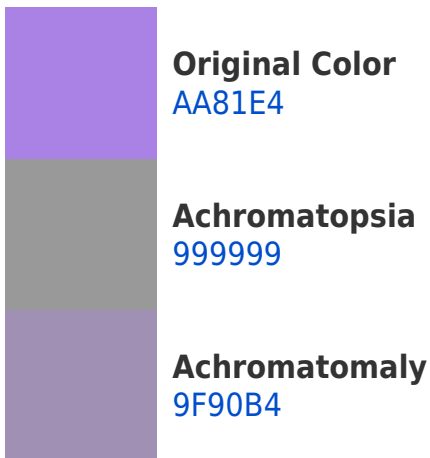


Tritanopia
9D919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA81E4 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 #AA81E4 looks like.

```
.text, #text, p{  
    color:#AA81E4  
}
```

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 #AA81E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA81E4
}
```

Border

The CSS property to change the border of an element to Hex AA81E4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

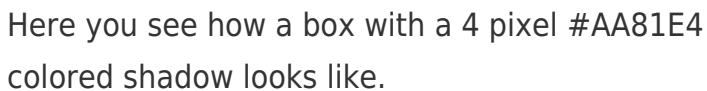
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA81E4 }
```

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

```
.border{ border-color:#AA81E4 }
```

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



Here you see how a box with a 4 pixel #AA81E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA81E4; -webkit-box-shadow:4px 4px  
4px 4px #AA81E4; box-shadow:4px 4px 4px  
4px #AA81E4 }
```

Background

The CSS property to change the background color of an element to Hex AA81E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA81E4 }
```

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

```
.background{ background-color:#AA81E4 }
```

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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