

Converting Colors

Hex(AA80E5)

Have a look what the booklet for
Hex(AA80E5) contains.

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Color

Hex(AA80E5)

Conversions

Conversions Part 1

Format	Color
Hex	AA80E5
RGB	170, 128, 229
RGB Percent	67%, 50%, 90%
CMY	0.3333, 0.4980, 0.1020
CMYK	0.26, 0.44, 0.00, 0.10
HSL	265°, 66%, 70%
HSV	265°, 44%, 90%
XYZ	38.4396, 29.6415, 77.8241
YIQ	152.0720, -7.3890, 40.3150

Conversions

Conversions Part 2

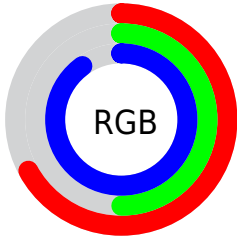
Format	Color
RYB	170, 128, 229
Decimal	11174117
CIELab	61.34, 36.38, -45.47
CIElCh	61, 58.231, 308.663
Yxy	29.6415, 0.2635, 0.2032
Android (android.graphics.Color)	4289364197 (0xFFAA80E5)
YUV	152.0720, 37.9255, 15.7229
Hunter-Lab	54.4440, 30.7508, -46.6403

Details

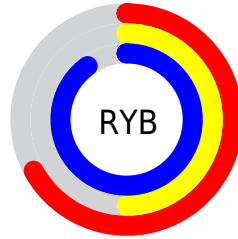
The Hex color **AA80E5** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **BBE580**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **E3B5FF**, and **734EAD** is the 20% darker color. If you saturate the color by 10%, you get **9D69E5**, and if you desaturate by 10%, it is **B797E5**.

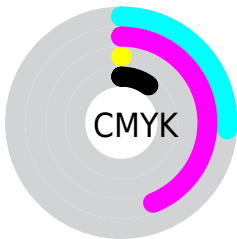
Distribution



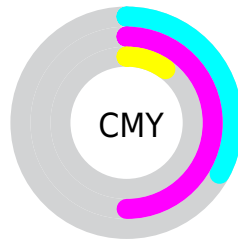
- Red (67%)
- Green (50%)
- Blue (90%)



- Red (67%)
- Yellow (50%)
- Blue (90%)



- Cyan (26%)
- Magenta (44%)
- Yellow (0%)
- Black (10%)



- Cyan (33%)
- Magenta (50%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA80E5 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 AA80E5 by changing the saturation by 10% instead.

■ AA80E5

■ AA80E5

FFFFFF

■ 8E66C9

■ E3B5FF

■ 734EAD

■ FFD1FF

■ 583692

■ FFEEFF

■ 3E1F78

■ 22075E

■ 080046

■ 00042F

■ 000119

■ 000000

AA80E5

AA80E5

9D69E5

B797E5

8F52E5

C5AEE5

823BE5

D2C5E5

7424E5

E0DCE5

670DE5

EDF3E5

5F00E5

FAFFE5

FFFE5

Harmonies

Analogous

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



4595FA



AA80E5



DE6BBB

Triad

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



AA80E5



CD8430



00ADA2

Complementary

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



AA80E5



BBE580

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.



00AA6D



AA80E5



A19623

Square

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



AA80E5



EA7056



6AA33E



00ABD3

Rectangle

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



AA80E5



EE6499



6AA33E



00AD90

Sweetspot

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



AA80E5



ECDEFF



80BDE5



746B80



000000



808080

Same Dimension

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



AA80E5



B078FF



DB80E5



6C6773



4A00B3



150033

Inverse Universe

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



E580BB



FF78C7



8AE580



73676E



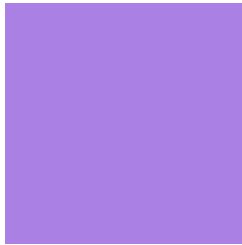
B30068



33001E

Previews

White Background



This preview shows how the Hex color AA80E5 looks on a white background.

Color Contrast Check

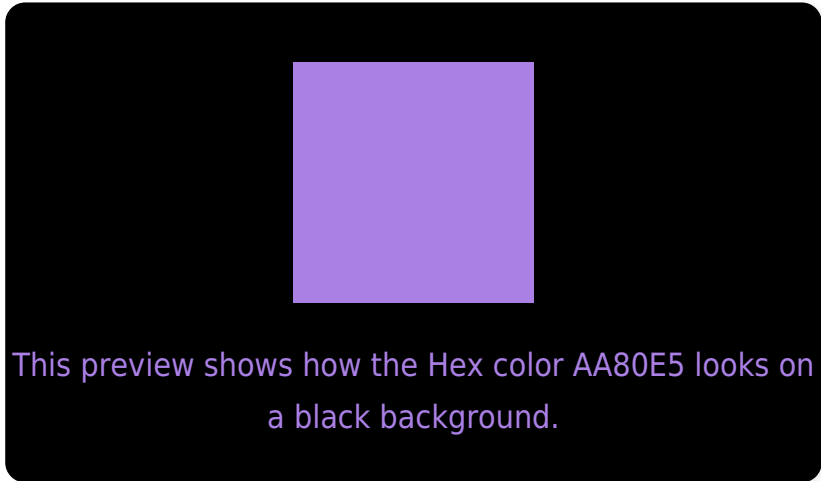
Large Text (above 18pt) WCAG AA ✓ Pass

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

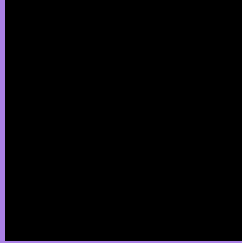
Any Text WCAG AA ✓ Pass

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 AA80E5 Background



This preview shows how black text looks on a background with the Hex color AA80E5.

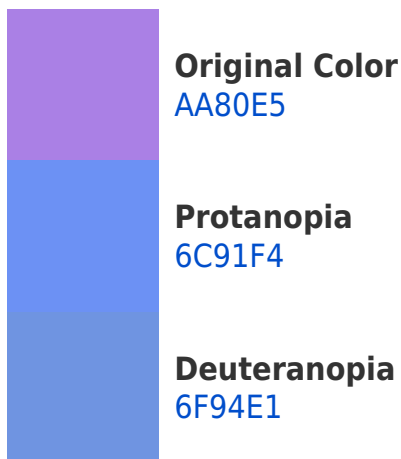


This preview shows how white text looks on a background with the Hex color AA80E5.

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](#).

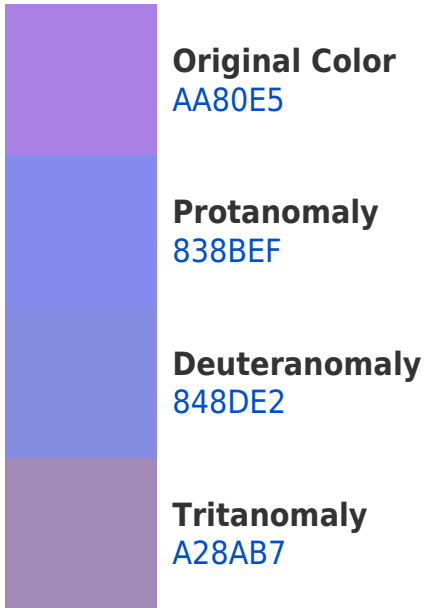
Dichromacy



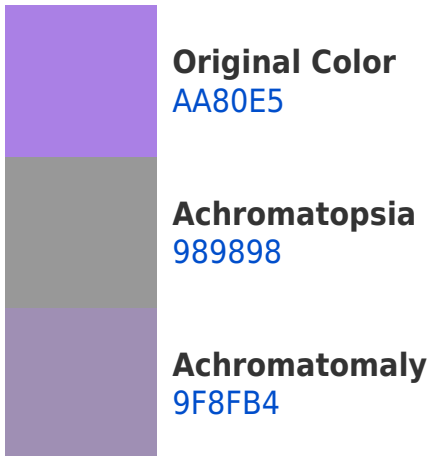


Tritanopia
9D909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA80E5 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 #AA80E5 looks like.

```
.text, #text, p{  
    color:#AA80E5  
}
```

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 #AA80E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA80E5
}
```

Border

The CSS property to change the border of an element to Hex AA80E5 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
#AA80E5 }
```

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

```
.border{ border-color:#AA80E5 }
```

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

Here you see how a box with a 4 pixel #AA80E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA80E5; -webkit-box-shadow:4px 4px  
4px 4px #AA80E5; box-shadow:4px 4px 4px  
4px #AA80E5 }
```

Background

The CSS property to change the background color of an element to Hex AA80E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA80E5 }
```

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

```
.background{ background-color:#AA80E5 }
```

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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