

Converting Colors

Hex(AC1AEA)

Have a look what the booklet for
Hex(AC1AEA) contains.

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Color

Hex(AC1AEA)

Conversions

Conversions Part 1

Format	Color
Hex	AC1AEA
RGB	172, 26, 234
RGB Percent	67%, 10%, 92%
CMY	0.3255, 0.8980, 0.0824
CMYK	0.26, 0.89, 0.00, 0.08
HSL	282°, 83%, 51%
HSV	282°, 89%, 92%
XYZ	32.2339, 15.4500, 79.1251
YIQ	93.3660, 20.2480, 95.6400

Conversions

Conversions Part 2

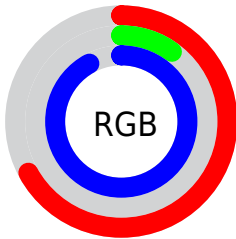
Format	Color
RYB	172, 26, 234
Decimal	11279082
CIELab	46.24, 80.39, -72.49
CIElCh	46, 108.245, 317.956
Yxy	15.4500, 0.2542, 0.1218
Android (android.graphics.Color)	4289469162 (0xFFAC1AEA)
YUV	93.3660, 69.3326, 68.9620
Hunter-Lab	39.3064, 77.5958, -91.8382

Details

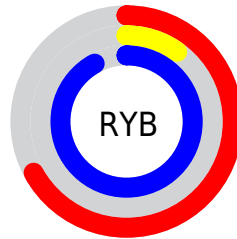
The Hex color **AC1AEA** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed purple. A complement of this color would be **58EA1A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **E960FF**, and **7000B1** is the 20% darker color. If you saturate the color by 10%, you get **A503EA**, and if you desaturate by 10%, it is **B331EA**.

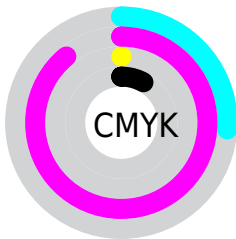
Distribution



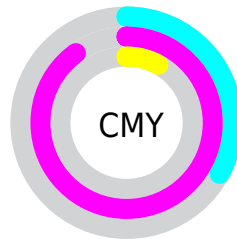
- Red (67%)
- Green (10%)
- Blue (92%)



- Red (67%)
- Yellow (10%)
- Blue (92%)



- Cyan (26%)
- Magenta (89%)
- Yellow (0%)
- Black (8%)



- Cyan (33%)
- Magenta (90%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC1AEA 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 AC1AEA by changing the saturation by 10% instead.

 AC1AEA

 AC1AEA

FFFFFF

 8E00CD

 E960FF

 7000B1

 FF7EFF

 520095

 FF9BFF

 32007B

 FFB9FF

 080061

 FFD6FF

 000048

 FFF4FF

 000430

 00011A

 000000

■ AC1AEA

■ AC1AEA

■ A503EA

■ B331EA

■ A400EA

■ BA49EA

■ C160EA

■ C878EA

■ CF8FEA

■ D6A6EA

■ DDBEEA

■ E4D5EA

■ EBEDEA

Harmonies

Analogous

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



0069FF



AC1AEA



F40096

Triad

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



AC1AEA



A45D00



008EA4

Complementary

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



AC1AEA



58EA1A

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.



008C44



AC1AEA



517A00

Square

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



AC1AEA



DF0000



008700



008EF6

Rectangle

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



AC1AEA



FF005B



008700



008E85

Sweetspot

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



AC1AEA



EABAFF



1A58EA



735780



000000



808080

Same Dimension

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



AC1AEA



B300FF



EA1AC0



726A75



7F00B5



260036

Inverse Universe

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



EA1A58



FF004C



1AEA44



756A6D



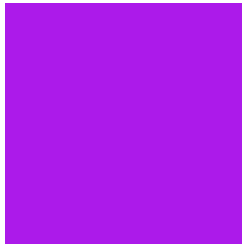
B50036



360010

Previews

White Background



This preview shows how the Hex color AC1AEA looks on a white background.

Color Contrast Check

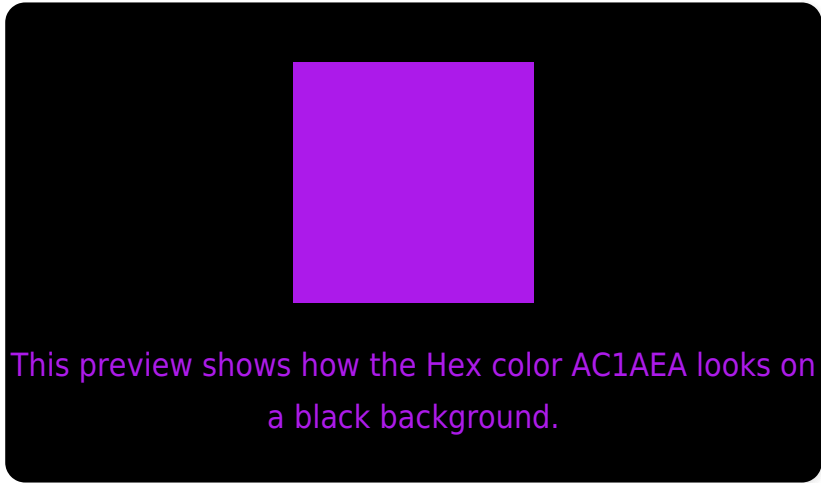
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

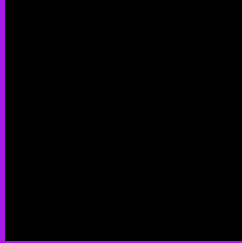
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex AC1AEA Background



This preview shows how black text looks on a background with the Hex color AC1AEA.

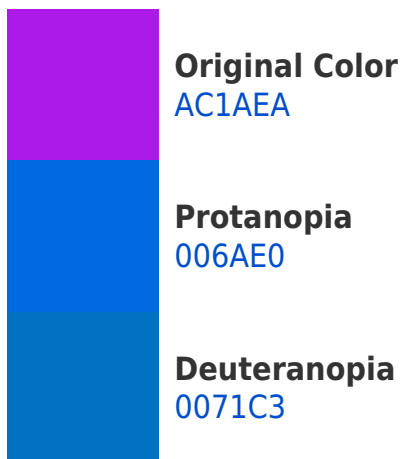


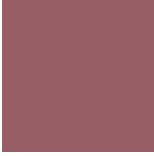
This preview shows how white text looks on a background with the Hex color AC1AEA.

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
975E65

Trichromacy



Original Color
AC1AEA



Protanomaly
3F4DE4



Deuteranomaly
3F51D1



Tritanomaly
9F4595

Monochromacy



Original Color
AC1AEA



Achromatopsia
5D5D5D



Achromatomaly
7A4590

CSS Examples

Text

The CSS property to change the color of the text to Hex AC1AEA 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 #AC1AEA looks like.

```
.text, #text, p{  
    color:#AC1AEA  
}
```

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 #AC1AEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC1AEA
}
```

Border

The CSS property to change the border of an element to Hex AC1AEA 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
#AC1AEA }
```

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

```
.border{ border-color:#AC1AEA }
```

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

Here you see how a box with a 4 pixel #AC1AEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC1AEA; -webkit-box-shadow:4px 4px  
4px 4px #AC1AEA; box-shadow:4px 4px 4px  
4px #AC1AEA }
```

Background

The CSS property to change the background color of an element to Hex AC1AEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC1AEA }
```

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

```
.background{ background-color:#AC1AEA }
```

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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