

Converting Colors

Hex(AC5EDD)

Have a look what the booklet for
Hex(AC5EDD) contains.

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Color

Hex(AC5EDD)

Conversions

Conversions Part 1

Format	Color
Hex	AC5EDD
RGB	172, 94, 221
RGB Percent	67%, 37%, 87%
CMY	0.3255, 0.6314, 0.1333
CMYK	0.22, 0.57, 0.00, 0.13
HSL	277°, 65%, 62%
HSV	277°, 57%, 87%
XYZ	34.0671, 21.9965, 70.8568
YIQ	131.8000, 5.7210, 56.0330

Conversions

Conversions Part 2

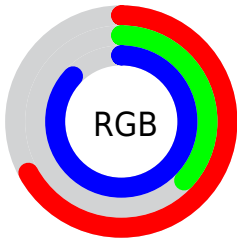
Format	Color
RYB	172, 94, 221
Decimal	11296477
CIELab	54.02, 53.34, -52.59
CIELCh	54, 74.906, 315.411
Yxy	21.9965, 0.2684, 0.1733
Android (android.graphics.Color)	4289486557 (0xFFAC5EDD)
YUV	131.8000, 43.9756, 35.2554
Hunter-Lab	46.9004, 47.5814, -56.7446

Details

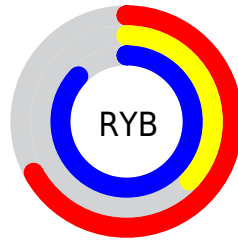
The Hex color **AC5EDD** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **8FDD5E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E694FF**, and **7429A5** is the 20% darker color. If you saturate the color by 10%, you get **A348DD**, and if you desaturate by 10%, it is **B574DD**.

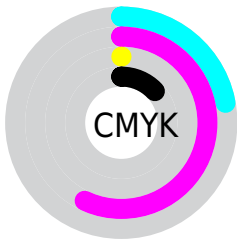
Distribution



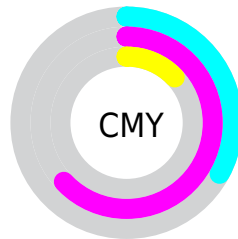
- Red (67%)
- Green (37%)
- Blue (87%)



- Red (67%)
- Yellow (37%)
- Blue (87%)



- Cyan (22%)
- Magenta (57%)
- Yellow (0%)
- Black (13%)



- Cyan (33%)
- Magenta (63%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC5EDD 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 AC5EDD by changing the saturation by 10% instead.

AC5EDD

AC5EDD

FFFFFF

9044C1

E694FF

7429A5

FFAFFF

59088A

FFCBFF

3D0070

FFE8FF

210057

00003F

000328

000111

000000

AC5EDD

AC5EDD

A348DD

B574DD

9B32DD

BD8ADD

921CDD

C6A0DD

8A06DD

CEB6DD

8800DD

D7CDDD

DFE3DD

E8F9DD

F0FFDD

F9FFDD

Harmonies

Analogous

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



007EFF



AC5EDD



E339A3

Triad

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



AC5EDD



B67300



009DA2

Complementary

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



AC5EDD



8FDD5E

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.



009B5E



AC5EDD



7D8900

Square

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



AC5EDD



DF5324



259514



009BDD

Rectangle

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



AC5EDD



F12F78



259514



009D8C

Sweetspot

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



AC5EDD



EED4FF



5E91DD



766680



000000



808080

Same Dimension

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



AC5EDD



BB4FFF



DD5ED0



69636E



6A00AD



1C002E

Inverse Universe

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



DD5E8F



FF4F93



5EDD6B



6E6367



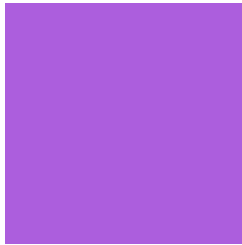
AD0043



2E0012

Previews

White Background



This preview shows how the Hex color AC5EDD looks on a white background.

Color Contrast Check

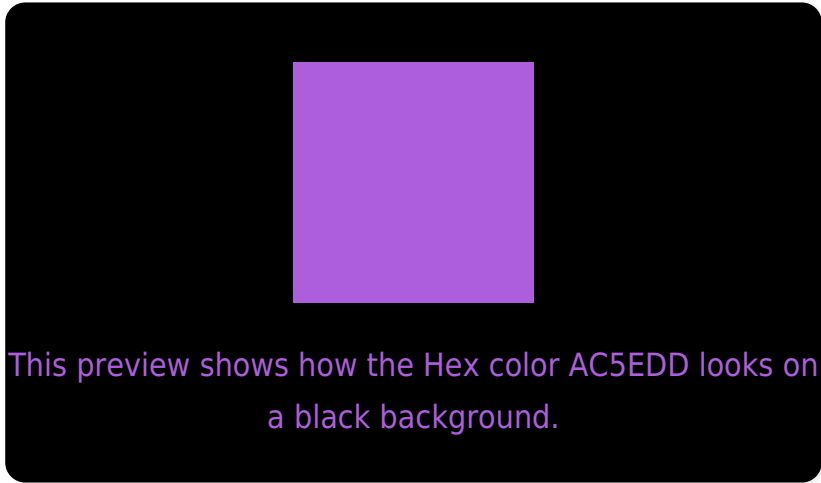
Large Text (above 18pt) WCAG AA ✓ Pass

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

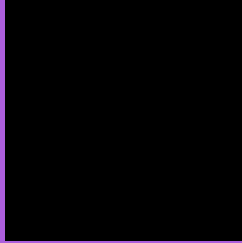
Any Text WCAG AA ✓ Pass

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 AC5EDD Background



This preview shows how black text looks on a background with the Hex color AC5EDD.

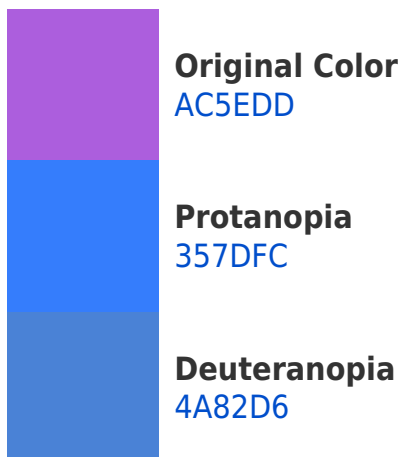


This preview shows how white text looks on a background with the Hex color AC5EDD.

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](#).

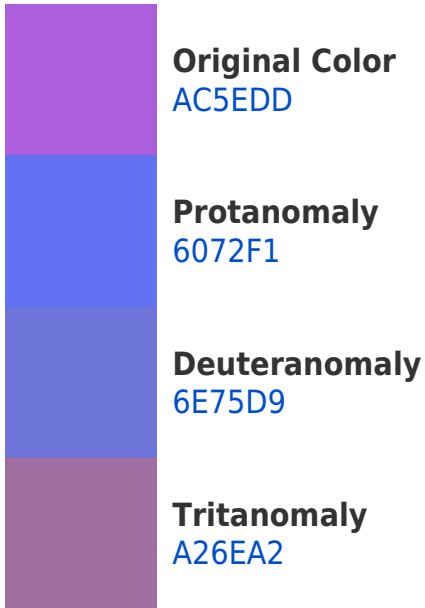
Dichromacy



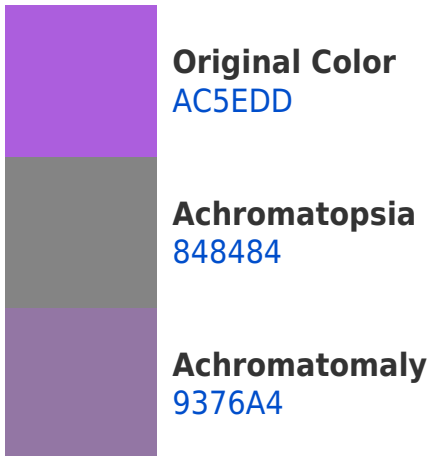


Tritanopia
9D7780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC5EDD 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 #AC5EDD looks like.

```
.text, #text, p{  
  color:#AC5EDD  
}
```

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 #AC5EDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC5EDD
}
```

Border

The CSS property to change the border of an element to Hex AC5EDD 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
#AC5EDD }
```

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

```
.border{ border-color:#AC5EDD }
```

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

Here you see how a box with a 4 pixel #AC5EDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC5EDD; -webkit-box-shadow:4px 4px  
4px 4px #AC5EDD; box-shadow:4px 4px 4px  
4px #AC5EDD }
```

Background

The CSS property to change the background color of an element to Hex AC5EDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC5EDD }
```

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

```
.background{ background-color:#AC5EDD }
```

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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