

Converting Colors

Hex(AC83E2)

Have a look what the booklet for
Hex(AC83E2) contains.

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Color

Hex(AC83E2)

Conversions

Conversions Part 1

Format	Color
Hex	AC83E2
RGB	172, 131, 226
RGB Percent	67%, 51%, 89%
CMY	0.3255, 0.4863, 0.1137
CMYK	0.24, 0.42, 0.00, 0.11
HSL	266°, 62%, 70%
HSV	266°, 42%, 89%
XYZ	38.8570, 30.4942, 75.7895
YIQ	154.0890, -6.0590, 38.2370

Conversions

Conversions Part 2

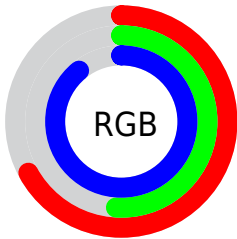
Format	Color
RYB	172, 131, 226
Decimal	11305954
CIELab	62.08, 34.55, -42.63
CIELCh	62, 54.870, 309.021
Yxy	30.4942, 0.2677, 0.2101
Android (android.graphics.Color)	4289496034 (0xFFAC83E2)
YUV	154.0890, 35.4521, 15.7079
Hunter-Lab	55.2216, 28.9649, -42.7181

Details

The Hex color **AC83E2** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B9E283**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **E5B9FF**, and **7551AA** is the 20% darker color. If you saturate the color by 10%, you get **9F6CE2**, and if you desaturate by 10%, it is **B99AE2**.

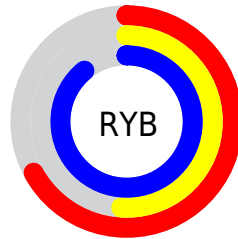
Distribution



Red (67%)

Green (51%)

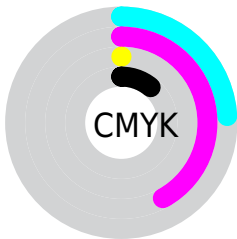
Blue (89%)



Red (67%)

Yellow (51%)

Blue (89%)

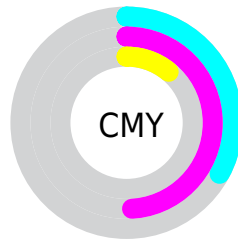


Cyan (24%)

Magenta (42%)

Yellow (0%)

Black (11%)



Cyan (33%)

Magenta (49%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC83E2 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 AC83E2 by changing the saturation by 10% instead.

 AC83E2

 AC83E2

FFFFFF

 9069C6

 E5B9FF

 7551AA

 FFD4FF

 5B398F

 FFF1FF

 412275

 260A5C

 0E0044

 00032D

 000117

 000000

■ AC83E2

■ AC83E2

■ 9F6CE2

■ B99AE2

■ 9256E2

■ C6B0E2

■ 853FE2

■ D3C7E2

■ 7929E2

■ DFDDE2

■ 6C12E2

■ ECF4E2

■ 6200E2

■ F9FFE2

■ FFFFE2

Harmonies

Analogous

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



5496F6



AC83E2



DC70BA

Triad

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



AC83E2



CC8739



00AEA4

Complementary

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



AC83E2



B9E283

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.



01AB71



AC83E2



A3982E

Square

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



AC83E2



E8745B



6EA446



00ACD2

Rectangle

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



AC83E2



EC6A9A



6EA446



00AE93

Sweetspot

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



AC83E2



ECDEFF



83BAE2



746B80



000000



808080

Same Dimension

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



AC83E2



B780FF



DA83E2



6A6570



4C00B0



150030

Inverse Universe

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



E283B9



FF80C8



8BE283



70656B



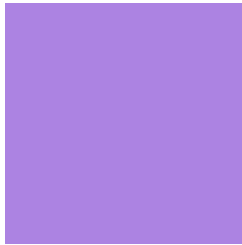
B00064



30001C

Previews

White Background



This preview shows how the Hex color AC83E2 looks on a white background.

Color Contrast Check

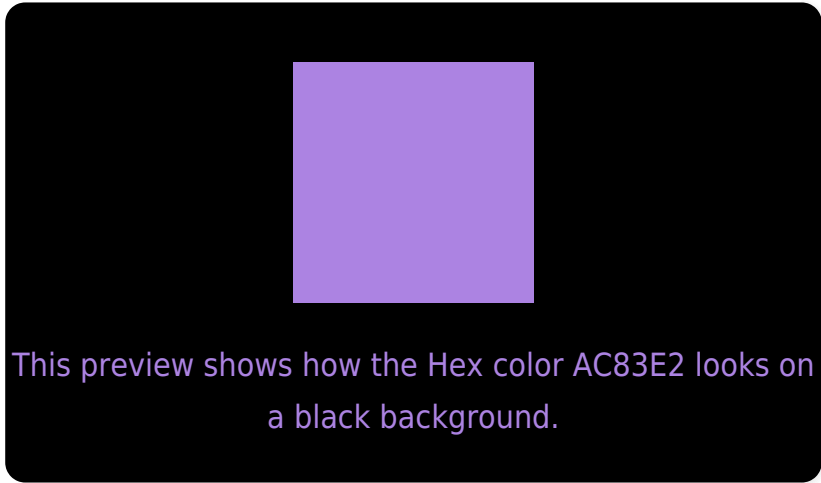
Large Text (above 18pt) WCAG AA × Fail

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

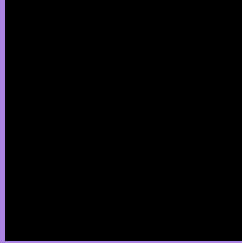
Any Text WCAG AA ✓ Pass

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 AC83E2 Background



This preview shows how black text looks on a background with the Hex color AC83E2.

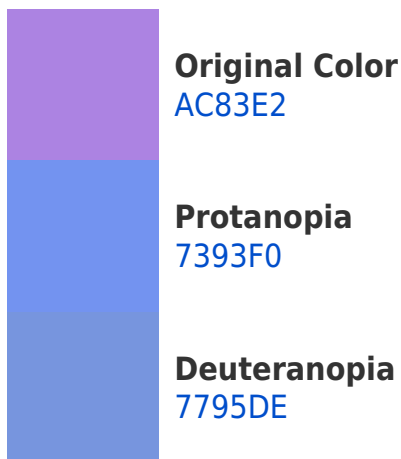



This preview shows how white text looks on a background with the Hex color AC83E2.

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](#).

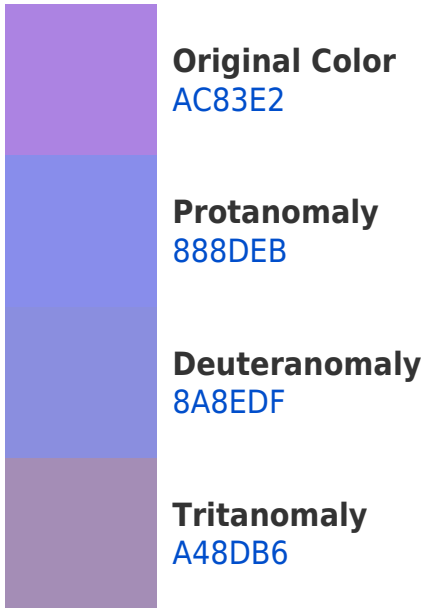
Dichromacy



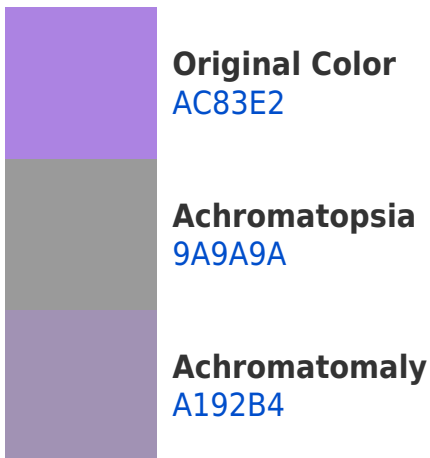


Tritanopia
A0929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC83E2 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 #AC83E2 looks like.

```
.text, #text, p{  
    color:#AC83E2  
}
```

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 #AC83E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC83E2
}
```

Border

The CSS property to change the border of an element to Hex AC83E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

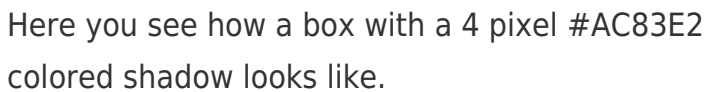
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC83E2 }
```

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

```
.border{ border-color:#AC83E2 }
```

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



Here you see how a box with a 4 pixel #AC83E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC83E2; -webkit-box-shadow:4px 4px  
4px 4px #AC83E2; box-shadow:4px 4px 4px  
4px #AC83E2 }
```

Background

The CSS property to change the background color of an element to Hex AC83E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC83E2 }
```

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

```
.background{ background-color:#AC83E2 }
```

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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