

Converting Colors

Hex(AC85C5)

Have a look what the booklet for
Hex(AC85C5) contains.

Hex(AC85C5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AC85C5)

Conversions

Conversions Part 1

Format	Color
Hex	AC85C5
RGB	172, 133, 197
RGB Percent	67%, 52%, 77%
CMY	0.3255, 0.4784, 0.2275
CMYK	0.13, 0.32, 0.00, 0.23
HSL	277°, 36%, 65%
HSV	277°, 32%, 77%
XYZ	35.4788, 29.5769, 56.6623
YIQ	151.9570, 2.7000, 28.1720

Conversions

Conversions Part 2

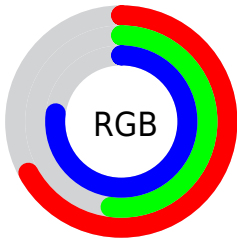
Format	Color
RYB	172, 133, 197
Decimal	11306437
CIELab	61.29, 26.87, -27.62
CIElCh	61, 38.533, 314.220
Yxy	29.5769, 0.2915, 0.2430
Android (android.graphics.Color)	4289496517 (0xFFAC85C5)
YUV	151.9570, 22.2062, 17.5777
Hunter-Lab	54.3847, 21.2745, -23.7038

Details

The Hex color **AC85C5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9EC585**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **E4BBFE**, and **77538F** is the 20% darker color. If you saturate the color by 10%, you get **A471C5**, and if you desaturate by 10%, it is **B499C5**.

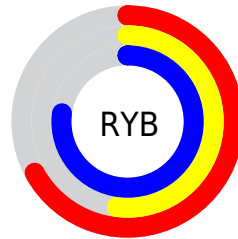
Distribution



Red (67%)

Green (52%)

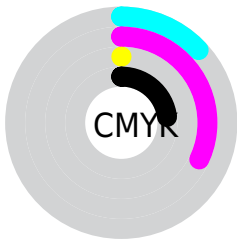
Blue (77%)



Red (67%)

Yellow (52%)

Blue (77%)

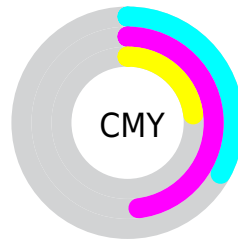


Cyan (13%)

Magenta (32%)

Yellow (0%)

Black (23%)



Cyan (33%)

Magenta (48%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC85C5 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 AC85C5 by changing the saturation by 10% instead.

■ AC85C5

■ AC85C5

FFFFFF

■ 916BAA

■ E4BBFE

■ 77538F

■ FFD6FF

■ 5D3B75

■ FFF3FF

■ 45245C

■ 2D0E44

■ 1A002E

■ 000118

■ 000000

■ AC85C5

■ AC85C5

 A471C5

 B499C5

 9D5EC5

 BBACC5

 954AC5

 C3C0C5

 8D36C5

 CBD4C5

 8623C5

 D2E8C5

 7E0FC5

 DAFBC5

 7800C5

 E2FFC5

 EAFFC5

 F1FFC5

Harmonies

Analogous

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



7B92D6



AC85C5



CB7BA7

Triad

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



AC85C5



B98C52



00A6A4

Complementary

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



AC85C5



9EC585

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.



45A580



AC85C5



9A9750

Square

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



AC85C5



CE8066



74A062



00A3C2

Rectangle

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



AC85C5



D47890



74A062



10A698

Sweetspot

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



AC85C5



F5E6FF



859FC5



7A7080



000000



808080

Same Dimension

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



AC85C5



D89CFF



C585BF



605A63



6300A3



160024

Inverse Universe

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



C5859E



FF9CC2



85C58B



635A5D



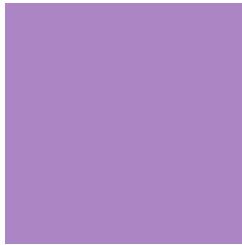
A30040



24000E

Previews

White Background



This preview shows how the Hex color AC85C5 looks on a white background.

Color Contrast Check

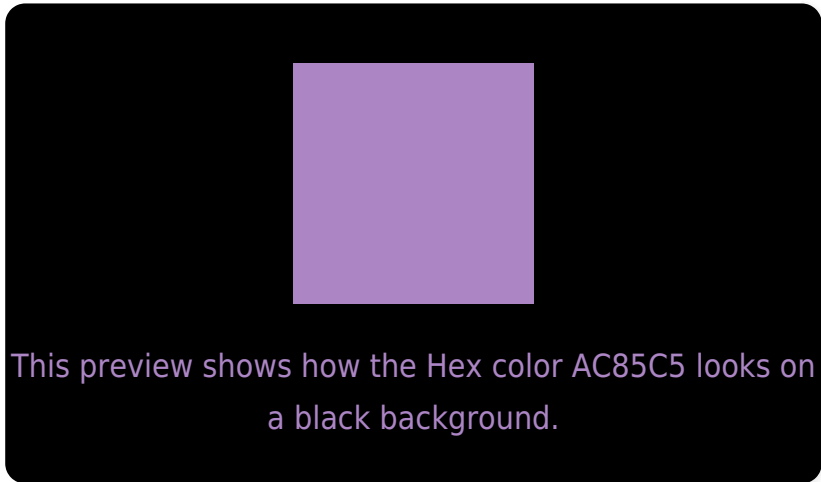
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC85C5 Background



This preview shows how black text looks on a background with the Hex color AC85C5.

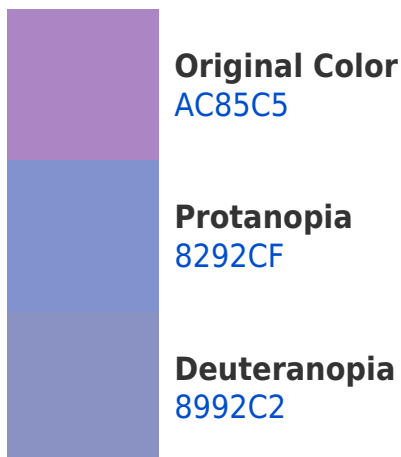


This preview shows how white text looks on a background with the Hex color AC85C5.

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](#).

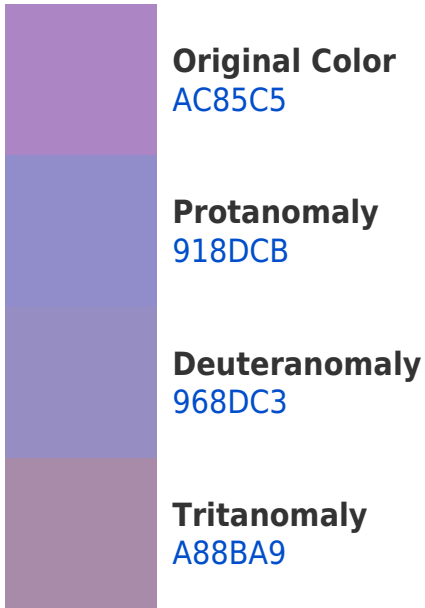
Dichromacy



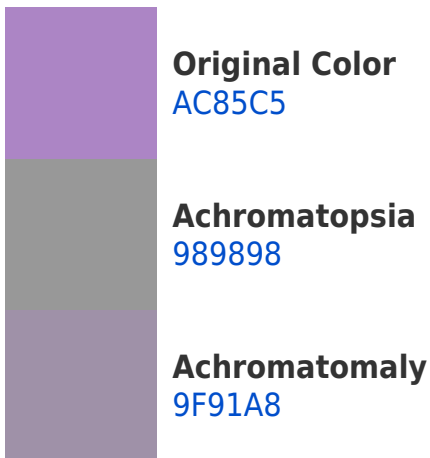


Tritanopia
A58E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC85C5 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 #AC85C5 looks like.

```
.text, #text, p{  
    color:#AC85C5  
}
```

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 #AC85C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC85C5
}
```

Border

The CSS property to change the border of an element to Hex AC85C5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

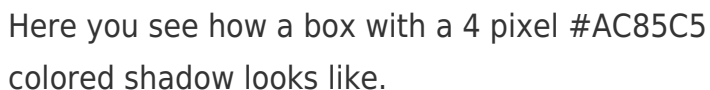
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC85C5 }
```

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

```
.border{ border-color:#AC85C5 }
```

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



Here you see how a box with a 4 pixel `#AC85C5` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC85C5; -webkit-box-shadow:4px 4px  
4px 4px #AC85C5; box-shadow:4px 4px 4px  
4px #AC85C5 }
```

Background

The CSS property to change the background color of an element to Hex AC85C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC85C5 }
```

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

```
.background{ background-color:#AC85C5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor