

Converting Colors

Hex(AC4DB3)

Have a look what the booklet for
Hex(AC4DB3) contains.

Hex(AC4DB3)	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(AC4DB3)

Conversions

Conversions Part 1

Format	Color
Hex	AC4DB3
RGB	172, 77, 179
RGB Percent	67%, 30%, 70%
CMY	0.3255, 0.6980, 0.2980
CMYK	0.04, 0.57, 0.00, 0.30
HSL	296°, 40%, 50%
HSV	296°, 57%, 70%
XYZ	27.8038, 17.3331, 44.5280
YIQ	117.0330, 23.8780, 51.8620

Conversions

Conversions Part 2

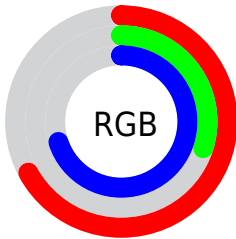
Format	Color
R_{YB}	172, 77, 179
Decimal	11292083
CIE _{Lab}	48.68, 53.13, -36.94
CIE _{LCh}	49, 64.713, 325.192
Yxy	17.3331, 0.3101, 0.1933
Android (android.graphics.Color)	4289482163 (0xFFAC4DB3)
YUV	117.0330, 30.5497, 48.2061
Hunter-Lab	41.6330, 46.3500, -34.2697

Details

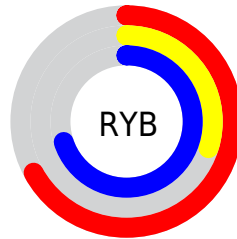
The Hex color **AC4DB3** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **54B34D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **E683EB**, and **75127E** is the 20% darker color. If you saturate the color by 10%, you get **AB3BB3**, and if you desaturate by 10%, it is **AD5FB3**.

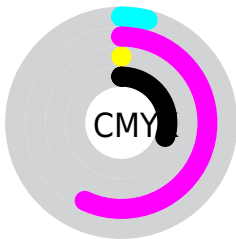
Distribution



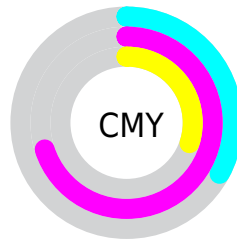
- Red (67%)
- Green (30%)
- Blue (70%)



- Red (67%)
- Yellow (30%)
- Blue (70%)



- Cyan (4%)
- Magenta (57%)
- Yellow (0%)
- Black (30%)



- Cyan (33%)
- Magenta (70%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC4DB3 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 AC4DB3 by changing the saturation by 10% instead.

AC4DB3

AC4DB3

FFFFFF

903298

E683EB

75127E

FF9EFF

5A0064

FFBAFF

40004C

FFD7FF

290035

FFF4FF

00001E

000000

AC4DB3

AC4DB3

AB3BB3

AD5FB3

■ AA29B3

■ AE71B3

■ A817B3

■ B083B3

■ A705B3

■ B195B3

■ A700B3

■ B2A7B3

■ B3B8B3

■ B5CAB3

■ B6DCB3

■ B7EEB3

Harmonies

Analogous

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



5C69D8



AC4DB3



CF357F

Triad

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



AC4DB3



936E00



008CA1

Complementary

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



AC4DB3



54B34D

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.



008B69



AC4DB3



5F7E00

Square

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



AC4DB3



BB5713



008730



0088CD

Rectangle

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



AC4DB3



D4365A



008730



008C8F

Sweetspot

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



AC4DB3



E5C1E8



4D55B3



745E75



F5F5F5



757575

Same Dimension

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



AC4DB3



DD4AE8



B34D88



595059



8F0099



18001A

Inverse Universe

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



B34D54



E84A55



4DB378



595051



99000A



1A0002

Previews

White Background



This preview shows how the Hex color AC4DB3 looks on a white background.

Color Contrast Check

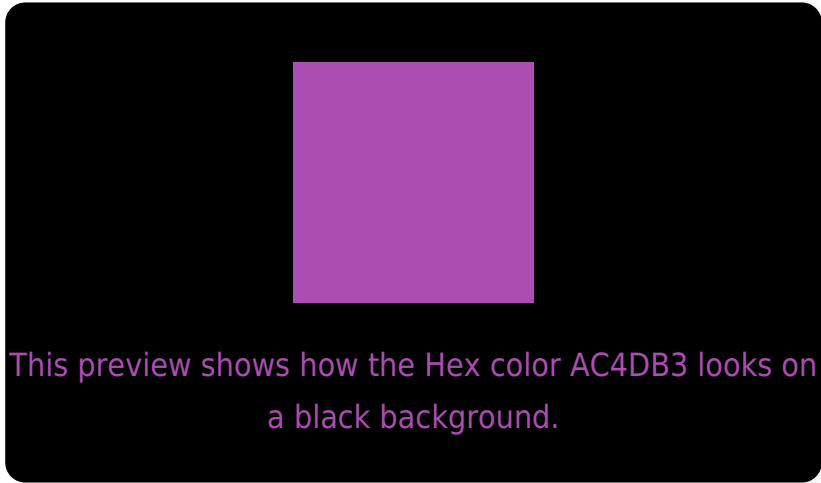
Large Text (above 18pt) WCAG AA ✓ Pass

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

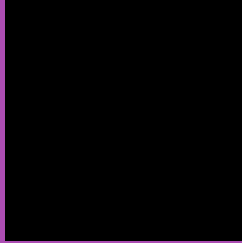
Any Text WCAG AA × Fail

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 AC4DB3 Background



This preview shows how black text looks on a background with the Hex color AC4DB3.

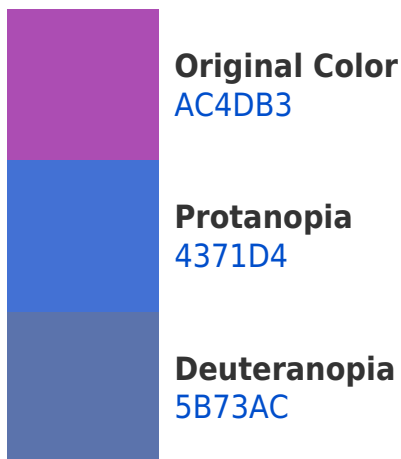



This preview shows how white text looks on a background with the Hex color AC4DB3.

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](#).

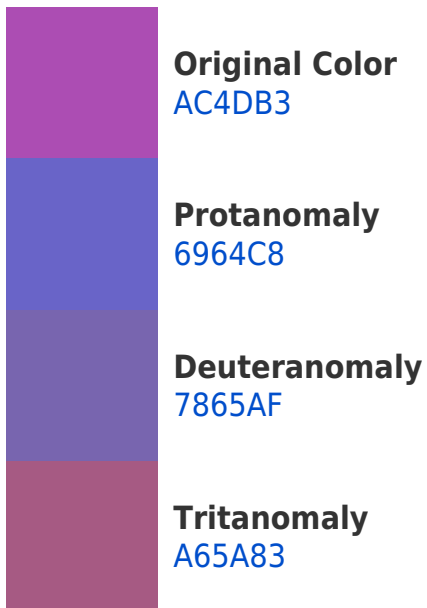
Dichromacy





Tritanopia
A36168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC4DB3 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 #AC4DB3 looks like.

```
.text, #text, p{  
    color:#AC4DB3  
}
```

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 #AC4DB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC4DB3  
}
```

Border

The CSS property to change the border of an element to Hex AC4DB3 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  
#AC4DB3 }
```

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

```
.border{ border-color:#AC4DB3 }
```

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

Here you see how a box with a 4 pixel #AC4DB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC4DB3; -webkit-box-shadow:4px 4px  
4px 4px #AC4DB3; box-shadow:4px 4px 4px  
4px #AC4DB3 }
```

Background

The CSS property to change the background color of an element to Hex AC4DB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC4DB3 }
```

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

```
.background{ background-color:#AC4DB3 }
```

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