

Converting Colors

Hex(AC47CB)

Have a look what the booklet for
Hex(AC47CB) contains.

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Color

Hex(AC47CB)

Conversions

Conversions Part 1

Format	Color
Hex	AC47CB
RGB	172, 71, 203
RGB Percent	67%, 28%, 80%
CMY	0.3255, 0.7216, 0.2039
CMYK	0.15, 0.65, 0.00, 0.20
HSL	286°, 56%, 54%
HSV	286°, 65%, 80%
XYZ	30.0460, 17.5889, 58.3113
YIQ	116.2470, 17.8240, 62.4640

Conversions

Conversions Part 2

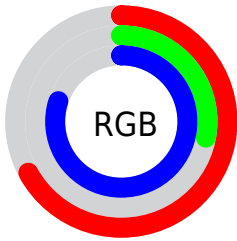
Format	Color
R_{YB}	172, 71, 203
Decimal	11290571
CIE _{Lab}	48.99, 60.46, -50.36
CIE _{LCh}	49, 78.686, 320.209
Yxy	17.5889, 0.2836, 0.1660
Android (android.graphics.Color)	4289480651 (0xFFAC47CB)
YUV	116.2470, 42.7692, 48.8954
Hunter-Lab	41.9392, 54.4872, -53.0782

Details

The Hex color **AC47CB** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **66CB47**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **E67EFF**, and **740094** is the 20% darker color. If you saturate the color by 10%, you get **A733CB**, and if you desaturate by 10%, it is **B15BCB**.

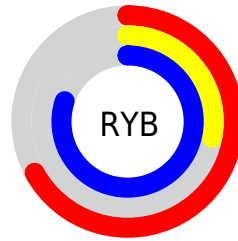
Distribution



Red (67%)

Green (28%)

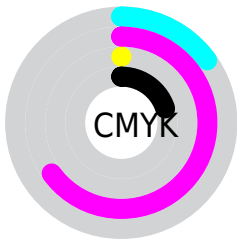
Blue (80%)



Red (67%)

Yellow (28%)

Blue (80%)

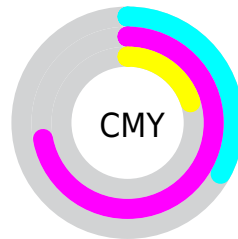


Cyan (15%)

Magenta (65%)

Yellow (0%)

Black (20%)



Cyan (33%)

Magenta (72%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC47CB 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 AC47CB by changing the saturation by 10% instead.

 AC47CB

 AC47CB

FFFFFF

 902AAF

 E67EFF

 740094

 FF9AFF

 58007A

 FFB6FF

 3D0060

 FFD2FF

 250048

 FFF0FF

 000030

 00011A

 000000

 AC47CB

 AC47CB

 A733CB

 B15BCB

 A21ECB

 B670CB

 9E0ACB

 BA84CB

 9B00CB

 BF98CB

 C4ADCB

 C9C1CB

 CDD5CB

 D2E9CB

 D7FECB

Harmonies

Analogous

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



186DF4



AC47CB



DD0D8D

Triad

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



AC47CB



A06A00



0090A1

Complementary

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



AC47CB



66CB47

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.



008F5C



AC47CB



637F00

Square

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



AC47CB



CD4800



008A08



008EDB

Rectangle

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



AC47CB



E60061



008A08



00908A

Sweetspot

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



AC47CB



F3CCFF



4768CB



786180



000000



808080

Same Dimension

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



AC47CB



D038FF



CB47AA



645C66



7F00A6



1D0026

Inverse Universe

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



CB4766



FF3867



47CB68



665C5E



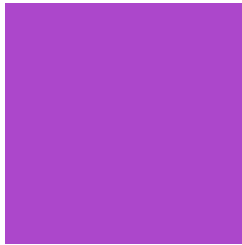
A60027



260009

Previews

White Background



This preview shows how the Hex color AC47CB looks on a white background.

Color Contrast Check

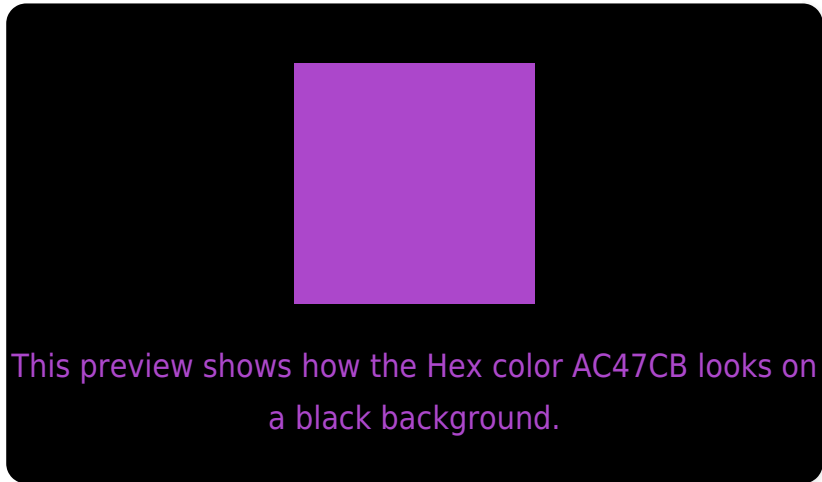
Large Text (above 18pt) WCAG AA ✓ Pass

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

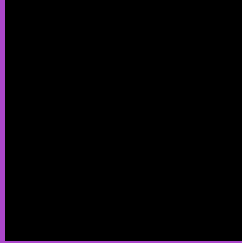
Any Text WCAG AA ✓ Pass

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 AC47CB Background



This preview shows how black text looks on a background with the Hex color AC47CB.

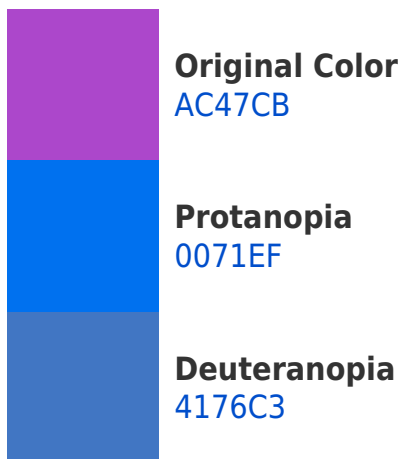



This preview shows how white text looks on a background with the Hex color AC47CB.

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](#).

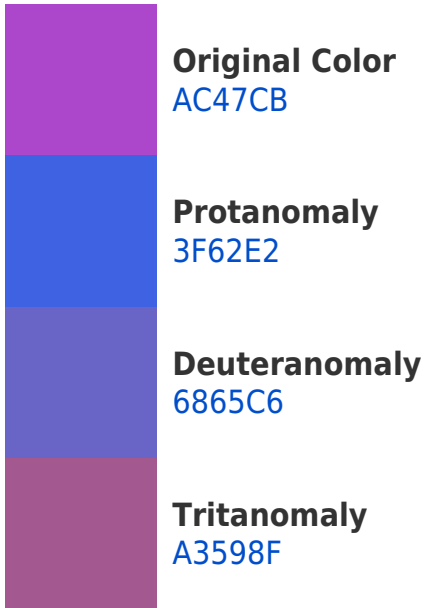
Dichromacy



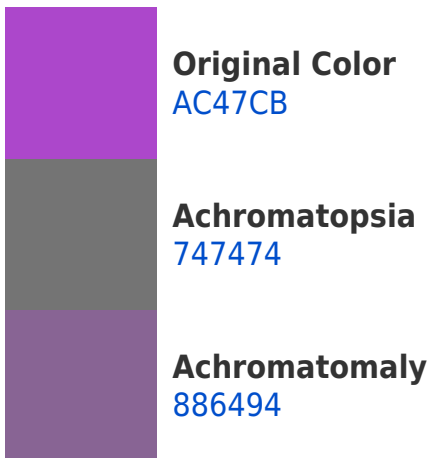


Tritanopia
9E646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC47CB 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 #AC47CB looks like.

```
.text, #text, p{  
    color:#AC47CB  
}
```

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 #AC47CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC47CB
}
```

Border

The CSS property to change the border of an element to Hex AC47CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

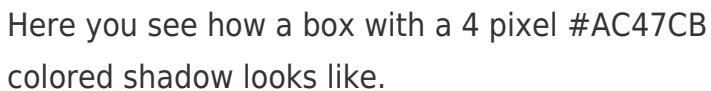
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC47CB }
```

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

```
.border{ border-color:#AC47CB }
```

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



Here you see how a box with a 4 pixel `#AC47CB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC47CB; -webkit-box-shadow:4px 4px  
4px 4px #AC47CB; box-shadow:4px 4px 4px  
4px #AC47CB }
```

Background

The CSS property to change the background color of an element to Hex AC47CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC47CB }
```

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

```
.background{ background-color:#AC47CB }
```

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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