

# Converting Colors

Hex(AC71C9)

Have a look what the booklet for  
Hex(AC71C9) contains.

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# Color

Hex(AC71C9)

# Conversions

## Conversions Part 1

Format	Color
Hex	AC71C9
RGB	172, 113, 201
RGB Percent	67%, 44%, 79%
CMY	0.3255, 0.5569, 0.2118
CMYK	0.14, 0.44, 0.00, 0.21
HSL	280°, 45%, 62%
HSV	280°, 44%, 79%
XYZ	33.4610, 24.7980, 58.2812
YIQ	140.6730, 6.9160, 39.8760

# Conversions

## Conversions Part 2

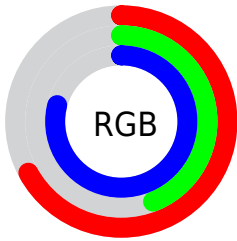
Format	Color
<b>R<sub>YB</sub></b>	172, 113, 201
Decimal	11301321
CIE Lab	56.88, 38.92, -36.74
CIE LCh	57, 53.520, 316.654
Yxy	24.7980, 0.2871, 0.2128
Android (android.graphics.Color)	4289491401 (0xFFAC71C9)
YUV	140.6730, 29.7412, 27.4738
Hunter-Lab	49.7975, 32.7957, -34.5326

# Details

The Hex color **AC71C9** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **8EC971**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **E5A6FF**, and **763F93** is the 20% darker color. If you saturate the color by 10%, you get **A55DC9**, and if you desaturate by 10%, it is **B385C9**.

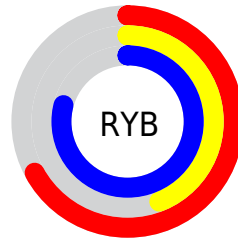
# Distribution



Red (67%)

Green (44%)

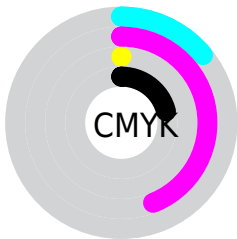
Blue (79%)



Red (67%)

Yellow (44%)

Blue (79%)

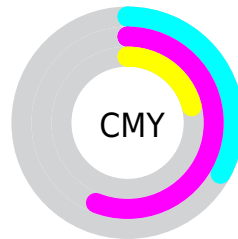


Cyan (14%)

Magenta (44%)

Yellow (0%)

Black (21%)



Cyan (33%)

Magenta (56%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC71C9 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 AC71C9 by changing the saturation by 10% instead.



■ AC71C9

■ AC71C9

FFFFFF

■ 9158AD

■ E5A6FF

■ 763F93

■ FFC2FF

■ 5C2778

■ FFDEFF

■ 420D5F

■ FFFBFF

■ 290047

■ 120030

■ 00011A

■ 000000

■ AC71C9

■ AC71C9

 A55DC9

 B385C9

 9F49C9

 B999C9

 9835C9

 C0ADC9

 9221C9

 C6C1C9

 8B0CC9

 CDD6C9

 8700C9

 D4EAC9

 DAFEC9

 E1FFC9

 E8FFC9

# Harmonies

## Analogous

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



6385E2



AC71C9



D3609F

# Triad

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



AC71C9



B37F28



009FA2

# Complementary

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



AC71C9



8EC971

# 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.



009E71



AC71C9



888E27

# Square

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



AC71C9



D16C46



529845



009CCB

# Rectangle

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



AC71C9



DD5D80



529845



009F92



# Sweetspot

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



AC71C9



F4DEFF



718EC9



796B80



000000



808080



# Same Dimension

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



AC71C9



D278FF



C971BA



605A63



6D00A3



180024



# Inverse Universe

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



C9718E



FF78A4



71C980



635A5D



A30036



24000C



# Previews

## White Background



This preview shows how the Hex color AC71C9 looks on a white background.

## Color Contrast Check

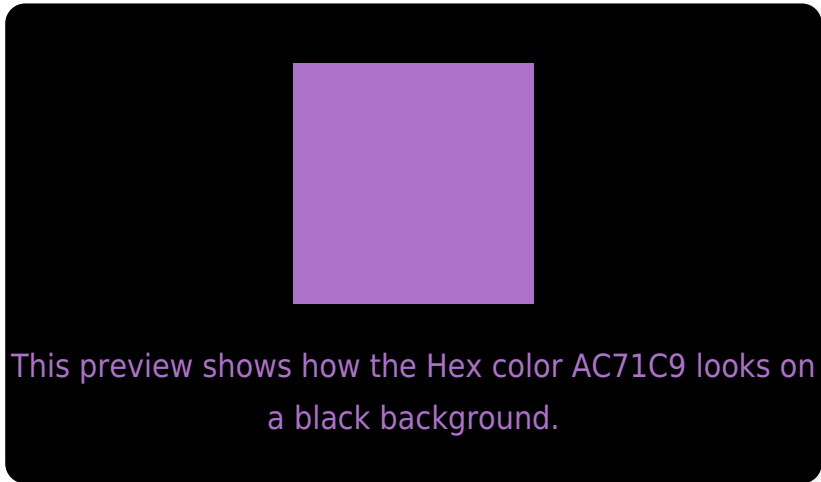
Large Text (above 18pt) WCAG AA ✓ Pass

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

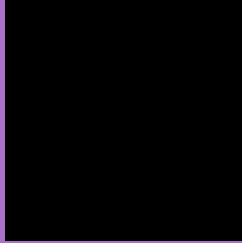
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AC71C9 Background



This preview shows how black text looks on a background with the Hex color AC71C9.

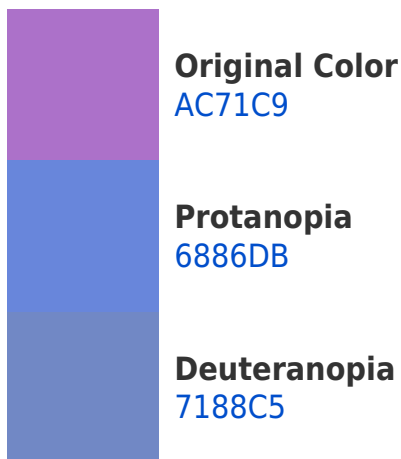


This preview shows how white text looks on a background with the Hex color AC71C9.

# 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](#).

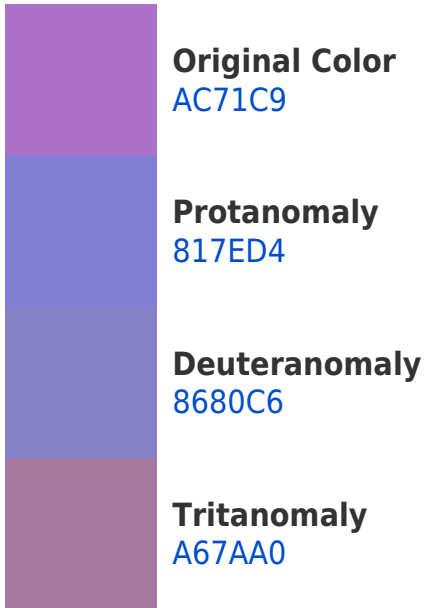
## Dichromacy





**Tritanopia**  
A27F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC71C9 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 #AC71C9 looks like.

```
.text, #text, p{  
    color:#AC71C9  
}
```

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 #AC71C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC71C9
}
```

## Border

The CSS property to change the border of an element to Hex AC71C9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

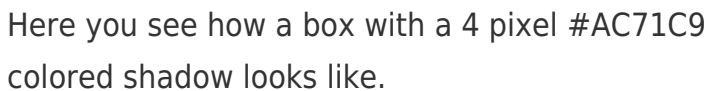
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC71C9 }
```

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

```
.border{ border-color:#AC71C9 }
```

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



Here you see how a box with a 4 pixel `#AC71C9` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC71C9; -webkit-box-shadow:4px 4px  
4px 4px #AC71C9; box-shadow:4px 4px 4px  
4px #AC71C9 }
```

# Background

The CSS property to change the background color of an element to Hex AC71C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC71C9 }
```

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

```
.background{ background-color:#AC71C9 }
```

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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