

# Converting Colors

Hex(AC64CA)

Have a look what the booklet for  
Hex(AC64CA) contains.

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# Color

**Hex(AC64CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC64CA
RGB	172, 100, 202
RGB Percent	67%, 39%, 79%
CMY	0.3255, 0.6078, 0.2078
CMYK	0.15, 0.50, 0.00, 0.21
HSL	282°, 49%, 59%
HSV	282°, 50%, 79%
XYZ	32.2311, 22.1493, 58.4536
YIQ	133.1560, 10.1700, 46.9860

# Conversions

## Conversions Part 2

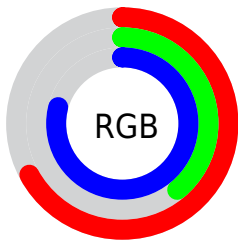
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 100, 202
Decimal	11297994
CIE <sub>Lab</sub>	54.19, 46.15, -41.54
CIE <sub>LCh</sub>	54, 62.090, 318.010
Yxy	22.1493, 0.2857, 0.1963
Android (android.graphics.Color)	4289488074 (0xFFAC64CA)
YUV	133.1560, 33.9401, 34.0662
Hunter-Lab	47.0630, 39.8855, -40.6957

# Details

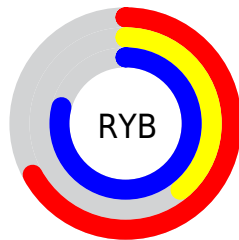
The Hex color **AC64CA** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **82CA64**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **E599FF**, and **753193** is the 20% darker color. If you saturate the color by 10%, you get **A650CA**, and if you desaturate by 10%, it is **B278CA**.

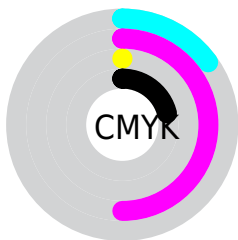
# Distribution



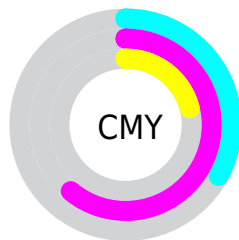
- Red (67%)
- Green (39%)
- Blue (79%)



- Red (67%)
- Yellow (39%)
- Blue (79%)



- Cyan (15%)
- Magenta (50%)
- Yellow (0%)
- Black (21%)



- Cyan (33%)
- Magenta (61%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC64CA 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 AC64CA by changing the saturation by 10% instead.



 AC64CA

 AC64CA

FFFFFF

 904AAE

 E599FF

 753193

 FFB5FF

 5B1679

 FFD1FF

 410060

 FFEDFF

 280048

 090030

 00011A

 000000

 AC64CA

 AC64CA

 A650CA

 B278CA

 A03CCA

 B88CCA

 9A27CA

 BEA1CA

 9413CA

 C4B5CA

 8F00CA

 CAC9CA

 D0DDCA

 D6F1CA

 DCFFCA

 E1FFCA

# Harmonies

## Analogous

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



527CE8



AC64CA



D74E99

# Triad

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



AC64CA



AD7700



009AA1

# Complementary

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



AC64CA



82CA64

# 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.



009969



AC64CA



7D8900

# Square

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



AC64CA



D16032



399434



0097D1

# Rectangle

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



AC64CA



E14A75



399434



009A8F



# Sweetspot

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



AC64CA



F4D9FF



6483CA



796980



000000



808080



# Same Dimension

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



AC64CA



D163FF



CA64B6



635C66



7500A6



1B0026



# Inverse Universe

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



CA6482



FF6391



64CA78



665C5F



A60031

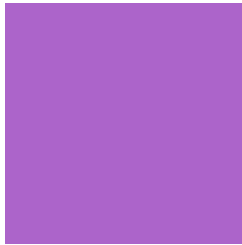


26000B



# Previews

## White Background



This preview shows how the Hex color AC64CA looks on a white background.

## Color Contrast Check

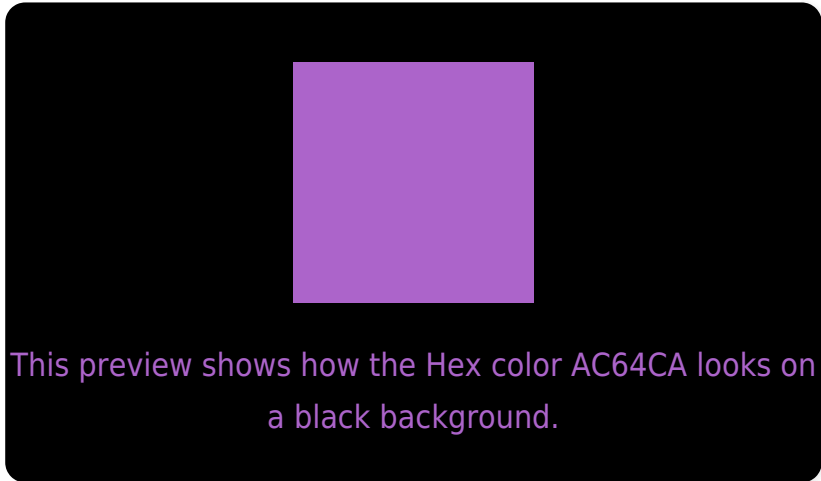
Large Text (above 18pt) WCAG AA ✓ Pass

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

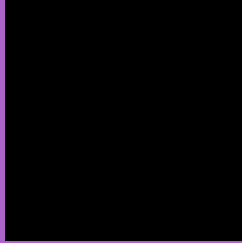
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AC64CA Background



This preview shows how black text looks on a background with the Hex color AC64CA.

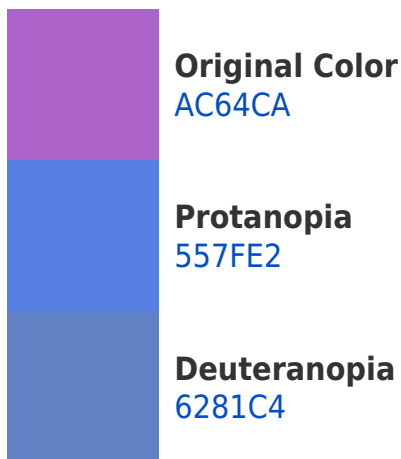



This preview shows how white text looks on a background with the Hex color AC64CA.

# 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](#).

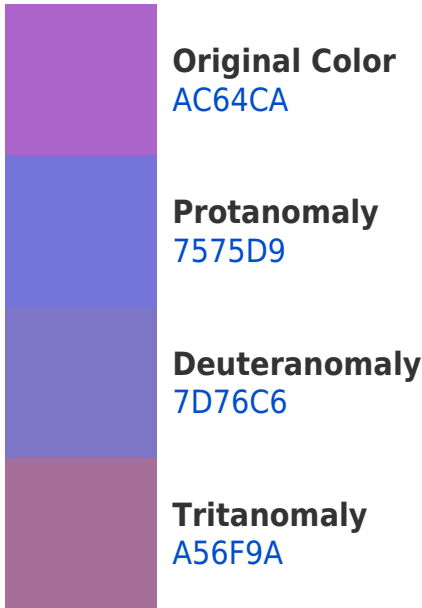
## Dichromacy





**Tritanopia**  
A1767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC64CA 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 #AC64CA looks like.

```
.text, #text, p{  
    color:#AC64CA  
}
```

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 #AC64CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC64CA
}
```

## Border

The CSS property to change the border of an element to Hex AC64CA 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
#AC64CA }
```

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

```
.border{ border-color:#AC64CA }
```

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

Here you see how a box with a 4 pixel #AC64CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC64CA; -webkit-box-shadow:4px 4px  
4px 4px #AC64CA; box-shadow:4px 4px 4px  
4px #AC64CA }
```

# Background

The CSS property to change the background color of an element to Hex AC64CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC64CA }
```

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

```
.background{ background-color:#AC64CA }
```

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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