

# Converting Colors

Hex(AC93B9)

Have a look what the booklet for  
Hex(AC93B9) contains.

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# **Color**

**Hex(AC93B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC93B9
RGB	172, 147, 185
RGB Percent	67%, 58%, 73%
CMY	0.3255, 0.4235, 0.2745
CMYK	0.07, 0.21, 0.00, 0.27
HSL	279°, 21%, 65%
HSV	279°, 21%, 73%
XYZ	36.2039, 33.1409, 50.3876
YIQ	158.8070, 2.7020, 17.1180

# Conversions

## Conversions Part 2

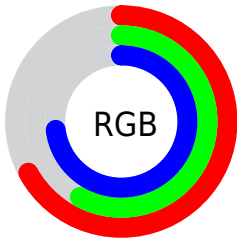
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 147, 185
Decimal	11310009
CIELab	64.27, 16.43, -16.29
CIELCh	64, 23.141, 315.245
Yxy	33.1409, 0.3024, 0.2768
Android (android.graphics.Color)	4289500089 (0xFFAC93B9)
YUV	158.8070, 12.9131, 11.5703
Hunter-Lab	57.5681, 11.5124, -11.5971

# Details

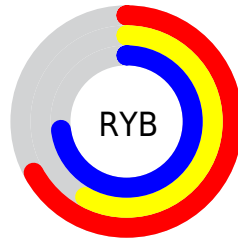
The Hex color **AC93B9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **A0B993**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **E4C9F1**, and **776084** is the 20% darker color. If you saturate the color by 10%, you get **A681B9**, and if you desaturate by 10%, it is **B2A5B9**.

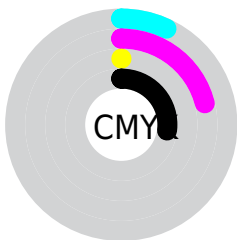
# Distribution



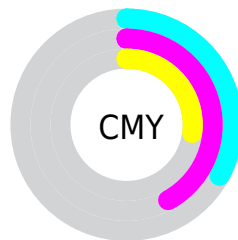
- Red (67%)
- Green (58%)
- Blue (73%)



- Red (67%)
- Yellow (58%)
- Blue (73%)



- Cyan (7%)
- Magenta (21%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (42%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC93B9 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 AC93B9 by changing the saturation by 10% instead.



■ AC93B9

■ AC93B9

FFFFFF

■ 91799E

■ E4C9F1

■ 776084

■ FFE5FF

■ 5E486B

■ 463252

■ 301C3B

■ 1B0525

■ 00010F

■ 000000

■ AC93B9

■ AC93B9

 A681B9

 B2A5B9

 9F6EB9

 B9B8B9

 995BB9

 BFCBB9

 9349B9

 C5DDB9

 8C36B9

 CCEFB9

 8624B9

 D2FFB9

 8011B9

 D8FFB9

 7A00B9

 DFFFB9

 E5FFB9

# Harmonies

## Analogous

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



919AC3



AC93B9



BF8EA7

# Triad

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



AC93B9



B49774



62A7A6

# Complementary

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



AC93B9



A0B993

# 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.



72A791



AC93B9



A09E74

# Square

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



AC93B9



C2917F



89A37E



62A5B8

# Rectangle

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



AC93B9



C58D99



89A37E



66A89F



# Sweetspot

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



AC93B9



EBE1F0



93A0B9



756F78



F7F7F7



787878



# Same Dimension

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



AC93B9



DBB4F0



B993B3



59535C



66009C



12001C



# Inverse Universe

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



B993A0



F0B4C8



93B999



5C5356



9C0035

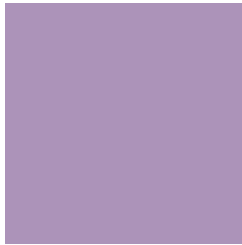


1C000A



# Previews

## White Background



This preview shows how the Hex color AC93B9 looks on a white background.

## Color Contrast Check

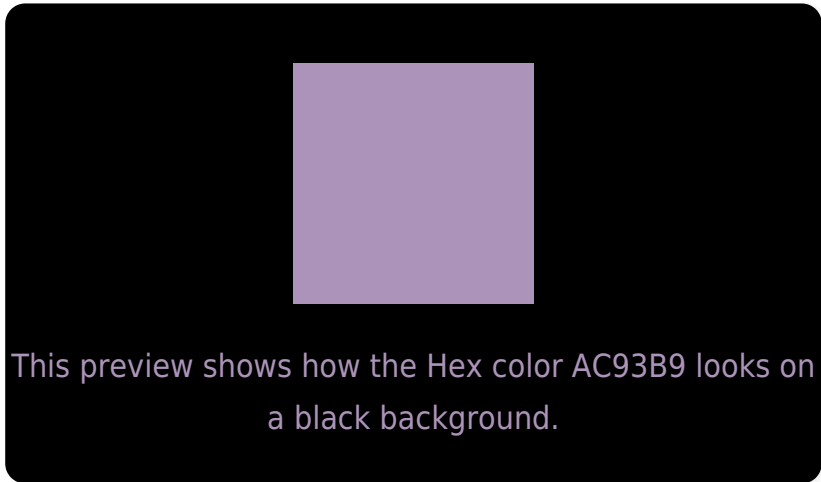
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex AC93B9 Background



This preview shows how black text looks on a background with the Hex color AC93B9.

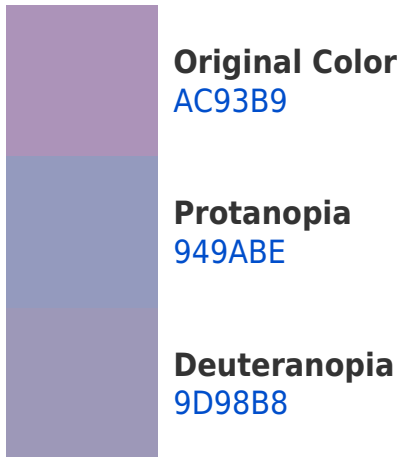


This preview shows how white text looks on a background with the Hex color AC93B9.

# 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**  
A997A3

# Trichromacy



**Original Color**  
AC93B9

**Protanomaly**  
9D97BC

**Deuteranomaly**  
A296B8

**Tritanomaly**  
AA96AB

# Monochromacy



**Original Color**  
AC93B9

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
A49BA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC93B9 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 #AC93B9 looks like.

```
.text, #text, p{  
    color:#AC93B9  
}
```

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 #AC93B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC93B9
}
```

## Border

The CSS property to change the border of an element to Hex AC93B9 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
#AC93B9 }
```

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

```
.border{ border-color:#AC93B9 }
```

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

Here you see how a box with a 4 pixel #AC93B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC93B9; -webkit-box-shadow:4px 4px  
4px 4px #AC93B9; box-shadow:4px 4px 4px  
4px #AC93B9 }
```

# Background

The CSS property to change the background color of an element to Hex AC93B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC93B9 }
```

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

```
.background{ background-color:#AC93B9 }
```

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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