

Converting Colors

Hex(AC93C8)

Have a look what the booklet for
Hex(AC93C8) contains.

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Color

Hex(AC93C8)

Conversions

Conversions Part 1

Format	Color
Hex	AC93C8
RGB	172, 147, 200
RGB Percent	67%, 58%, 78%
CMY	0.3255, 0.4235, 0.2157
CMYK	0.14, 0.27, 0.00, 0.22
HSL	268°, 33%, 68%
HSV	268°, 27%, 78%
XYZ	37.8723, 33.8082, 59.1731
YIQ	160.5170, -2.1130, 21.7830

Conversions

Conversions Part 2

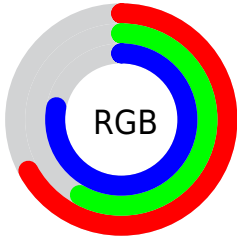
Format	Color
R_{YB}	172, 147, 200
Decimal	11310024
CIE _{Lab}	64.81, 19.61, -23.88
CIE _{LCh}	65, 30.903, 309.388
Yxy	33.8082, 0.2894, 0.2584
Android (android.graphics.Color)	4289500104 (0xFFAC93C8)
YUV	160.5170, 19.4651, 10.0706
Hunter-Lab	58.1448, 14.5115, -19.6372

Details

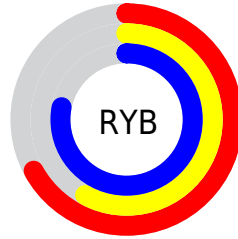
The Hex color **AC93C8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **AFC893**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **E4C9FF**, and **776092** is the 20% darker color. If you saturate the color by 10%, you get **A17FC8**, and if you desaturate by 10%, it is **B7A7C8**.

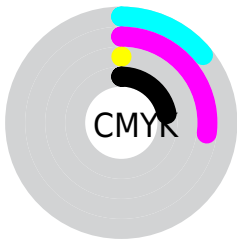
Distribution



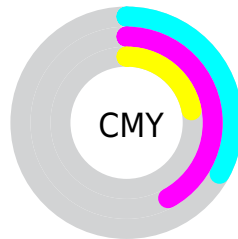
- Red (67%)
- Green (58%)
- Blue (78%)



- Red (67%)
- Yellow (58%)
- Blue (78%)



- Cyan (14%)
- Magenta (27%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC93C8 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 AC93C8 by changing the saturation by 10% instead.

■ AC93C8

■ AC93C8

FFFFFF

■ 9179AD

■ E4C9FF

■ 776092

■ FFE5FF

■ 5E4878

■ 46325F

■ 2E1C47

■ 190531

■ 00011B

■ 000000

■ AC93C8

■ AC93C8

 A17FC8

 B7A7C8

 976BC8

 C1BBC8

 8C57C8

 CCCFC8

 8243C8

 D6E3C8

 772FC8

 E1F7C8

 6D1BC8

 EBFFC8

 6207C8

 F6FFC8

 5E00C8

 FFFFC8

Harmonies

Analogous

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



859DD3



AC93C8



C78BB1

Triad

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



AC93C8



C1956A



49ACA5

Complementary

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



AC93C8



AFC893

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.



68AB89



AC93C8



A89E66

Square

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



AC93C8



D18C7B



89A672



3FABBF

Rectangle

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



AC93C8



D1889F



89A672



53AC9C

Sweetspot

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



AC93C8



F4EBFF



93AFC8



797380



000000



808080

Same Dimension

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



AC93C8



D4ADFF



C693C8



5E5A63



4D00A3



110024

Inverse Universe

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



C893AF



FFADD9



95C893



635A5F



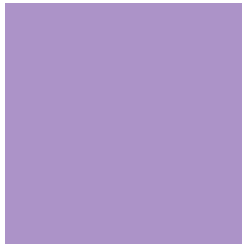
A30056



240013

Previews

White Background



This preview shows how the Hex color AC93C8 looks on a white background.

Color Contrast Check

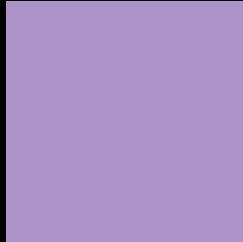
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color AC93C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

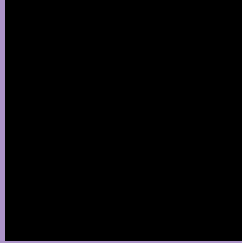
Any Text WCAG AA ✓ Pass

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 AC93C8 Background



This preview shows how black text looks on a background with the Hex color AC93C8.

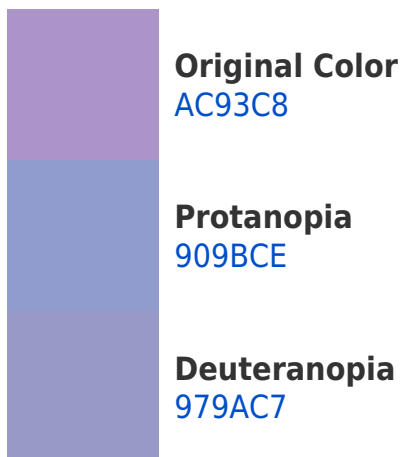


This preview shows how white text looks on a background with the Hex color AC93C8.

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](#).

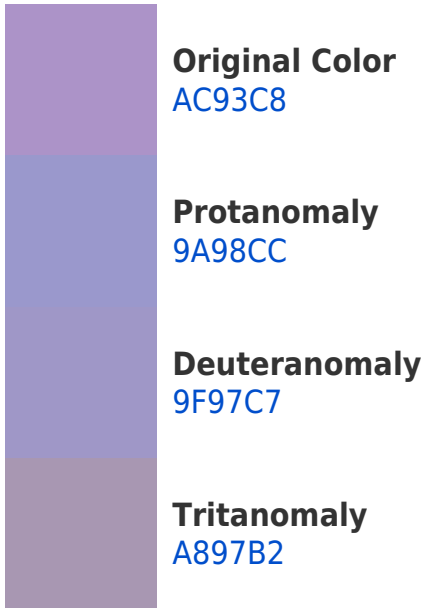
Dichromacy



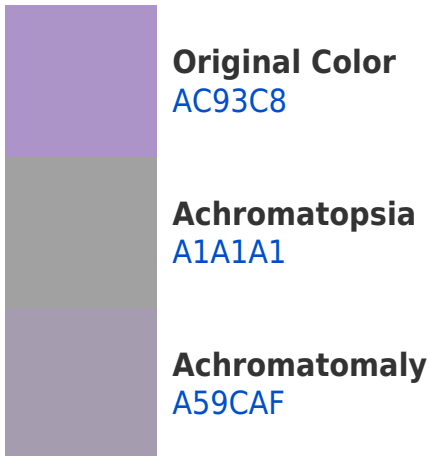


Tritanopia
A699A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC93C8 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 #AC93C8 looks like.

```
.text, #text, p{  
    color:#AC93C8  
}
```

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 #AC93C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC93C8
}
```

Border

The CSS property to change the border of an element to Hex AC93C8 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
#AC93C8 }
```

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

```
.border{ border-color:#AC93C8 }
```

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

Here you see how a box with a 4 pixel #AC93C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC93C8; -webkit-box-shadow:4px 4px  
4px 4px #AC93C8; box-shadow:4px 4px 4px  
4px #AC93C8 }
```

Background

The CSS property to change the background color of an element to Hex AC93C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC93C8 }
```

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

```
.background{ background-color:#AC93C8 }
```

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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