

Converting Colors

Hex(AC93D2)

Have a look what the booklet for
Hex(AC93D2) contains.

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Color

Hex(AC93D2)

Conversions

Conversions Part 1

Format	Color
Hex	AC93D2
RGB	172, 147, 210
RGB Percent	67%, 58%, 82%
CMY	0.3255, 0.4235, 0.1765
CMYK	0.18, 0.30, 0.00, 0.18
HSL	264°, 41%, 70%
HSV	264°, 30%, 82%
XYZ	39.0798, 34.2912, 65.5319
YIQ	161.6570, -5.3230, 24.8930

Conversions

Conversions Part 2

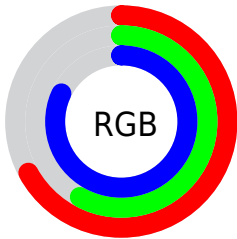
Format	Color
RYB	172, 147, 210
Decimal	11310034
CIELab	65.19, 21.83, -28.87
CIELCh	65, 36.195, 307.091
Yxy	34.2912, 0.2813, 0.2469
Android (android.graphics.Color)	4289500114 (0xFFAC93D2)
YUV	161.6570, 23.8331, 9.0708
Hunter-Lab	58.5587, 16.6463, -25.3592

Details

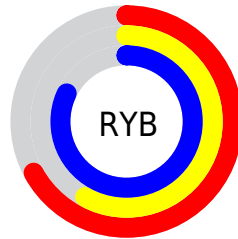
The Hex color **AC93D2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B9D293**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **E4C9FF**, and **77609B** is the 20% darker color. If you saturate the color by 10%, you get **9F7ED2**, and if you desaturate by 10%, it is **B9A8D2**.

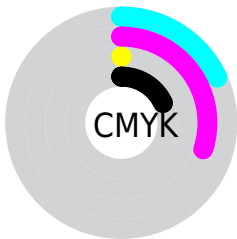
Distribution



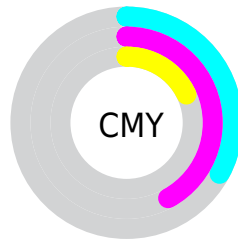
- Red (67%)
- Green (58%)
- Blue (82%)



- Red (67%)
- Yellow (58%)
- Blue (82%)



- Cyan (18%)
- Magenta (30%)
- Yellow (0%)
- Black (18%)



- Cyan (33%)
- Magenta (42%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC93D2 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 AC93D2 by changing the saturation by 10% instead.

■ AC93D2

■ AC93D2

FFFFFF

■ 9179B6

■ E4C9FF

■ 77609B

■ FFE5FF

■ 5D4881

■ 453168

■ 2D1C4F

■ 160638

■ 000122

■ 000008

■ 000000

■ AC93D2

■ AC93D2

■ 9F7ED2

■ B9A8D2

■ 9369D2

■ C5BDD2

■ 8654D2

■ D2D2D2

■ 793FD2

■ DFE7D2

■ 6D2AD2

■ EBFC D2

■ 6015D2

■ F8FFD2

■ 5300D2

■ FFFFD2

Harmonies

Analogous

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



7C9FDE



AC93D2



CD89B8

Triad

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



AC93D2



C89463



32B0A5

Complementary

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



AC93D2



B9D293

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.



61AE84



AC93D2



AC9F5D

Square

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



AC93D2



DA8979



89A869



04AEC4

Rectangle

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



AC93D2



DA85A3



89A869



43AF9A

Sweetspot

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



AC93D2



F1E8FF



93BAD2



777180



000000



808080

Same Dimension

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



AC93D2



C8A3FF



CB93D2



625E69



4300A8



100029

Inverse Universe

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



D293B9



FFA3DB



9AD293



695E64



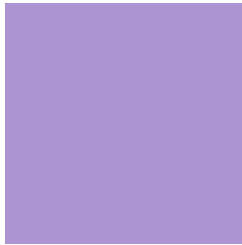
A80066



290019

Previews

White Background



This preview shows how the Hex color AC93D2 looks on a white background.

Color Contrast Check

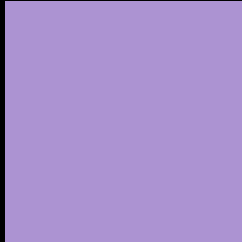
Large Text (above 18pt) WCAG AA × Fail

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 AC93D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

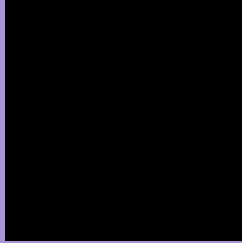
Any Text WCAG AA ✓ Pass

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 AC93D2 Background



This preview shows how black text looks on a background with the Hex color AC93D2.

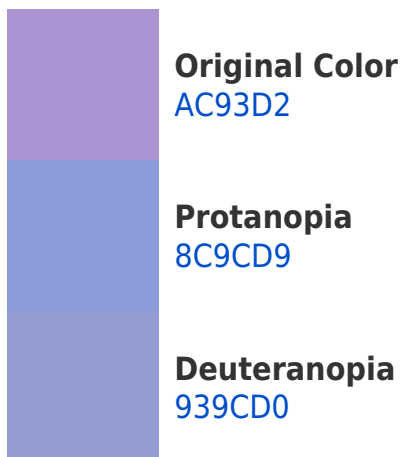


This preview shows how white text looks on a background with the Hex color AC93D2.

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](#).

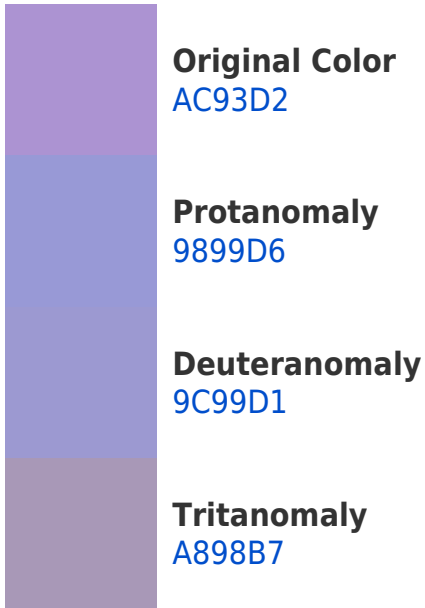
Dichromacy



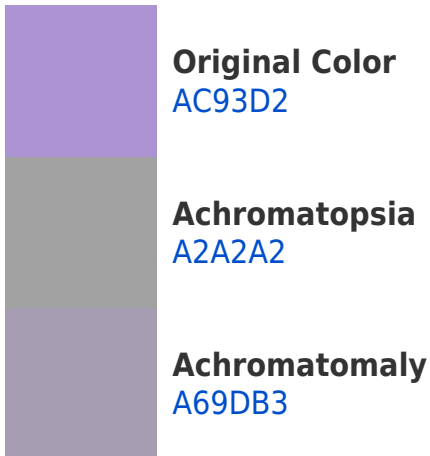


Tritanopia
A59BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC93D2 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 #AC93D2 looks like.

```
.text, #text, p{  
    color:#AC93D2  
}
```

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 #AC93D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC93D2
}
```

Border

The CSS property to change the border of an element to Hex AC93D2 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
#AC93D2 }
```

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

```
.border{ border-color:#AC93D2 }
```

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

Here you see how a box with a 4 pixel #AC93D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC93D2; -webkit-box-shadow:4px 4px  
4px 4px #AC93D2; box-shadow:4px 4px 4px  
4px #AC93D2 }
```

Background

The CSS property to change the background color of an element to Hex AC93D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC93D2 }
```

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

```
.background{ background-color:#AC93D2 }
```

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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