

Converting Colors

Hex(A94AD2)

Have a look what the booklet for
Hex(A94AD2) contains.

Hex(A94AD2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A94AD2)

Conversions

Conversions Part 1

Format	Color
Hex	A94AD2
RGB	169, 74, 210
RGB Percent	66%, 29%, 82%
CMY	0.3373, 0.7098, 0.1765
CMYK	0.20, 0.65, 0.00, 0.18
HSL	282°, 60%, 56%
HSV	282°, 65%, 82%
XYZ	30.4438, 17.9857, 62.8398
YIQ	117.9090, 12.9640, 62.4360

Conversions

Conversions Part 2

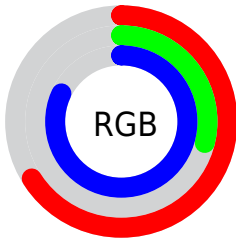
Format	Color
RYB	169, 74, 210
Decimal	11094738
CIELab	49.48, 59.87, -53.62
CIElCh	49, 80.370, 318.150
Yxy	17.9857, 0.2736, 0.1616
Android (android.graphics.Color)	4289284818 (0xFFA94AD2)
YUV	117.9090, 45.4009, 44.8068
Hunter-Lab	42.4096, 53.9199, -58.1654

Details

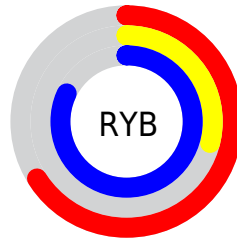
The Hex color **A94AD2** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **73D24A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **E380FF**, and **71099B** is the 20% darker color. If you saturate the color by 10%, you get **A335D2**, and if you desaturate by 10%, it is **AF5FD2**.

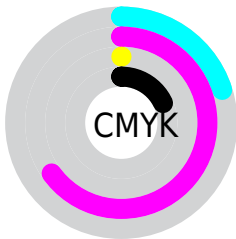
Distribution



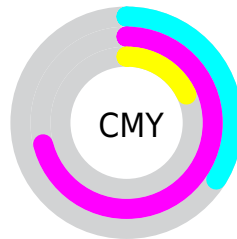
- Red (66%)
- Green (29%)
- Blue (82%)



- Red (66%)
- Yellow (29%)
- Blue (82%)



- Cyan (20%)
- Magenta (65%)
- Yellow (0%)
- Black (18%)



- Cyan (34%)
- Magenta (71%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color A94AD2 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 A94AD2 by changing the saturation by 10% instead.

 A94AD2

 A94AD2

FFFFFF

 8D2EB6

 E380FF

 71099B

 FF9CFF

 550080

 FFB8FF

 390066

 FFD5FF

 21004E

 FFF2FF

 000036

 00021F

 000002

 000000

 A94AD2

 A94AD2

 A335D2

 AF5FD2

 9C20D2

 B674D2

 960BD2

 BC89D2

 9300D2

 C29ED2

 C9B3D2

 CFC8D2

 D5DDD2

 DCF2D2

 E2FFD2

Harmonies

Analogous

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



0070F9



A94AD2



DF0B94

Triad

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



A94AD2



A56900



00929F

Complementary

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



A94AD2



73D24A

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.



009057



A94AD2



687F00

Square

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



A94AD2



D24503



008B00



0090DB

Rectangle

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



A94AD2



EA0066



008B00



009287

Sweetspot

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



A94AD2



F0CFFF



4A75D2



776280



000000



808080

Same Dimension

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



A94AD2



C338FF



D24AB9



655E69



7600A8



1C0029

Inverse Universe

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



D24A73



FF3874



4AD263



695E61



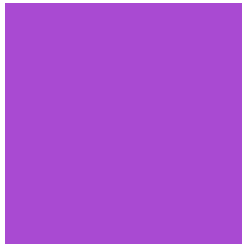
A80033



29000C

Previews

White Background



This preview shows how the Hex color A94AD2 looks on a white background.

Color Contrast Check

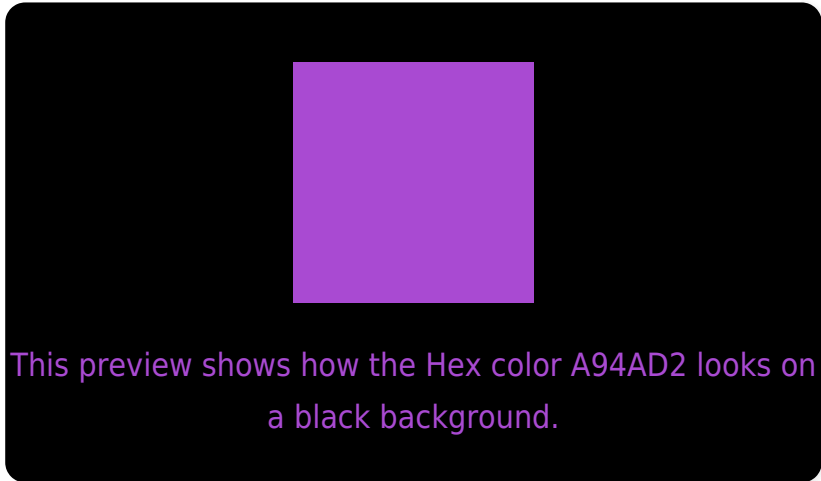
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

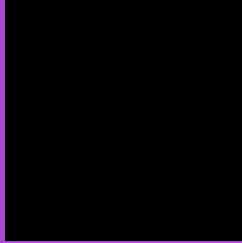
Any Text WCAG AA ✓ Pass

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 A94AD2 Background



This preview shows how black text looks on a background with the Hex color A94AD2.

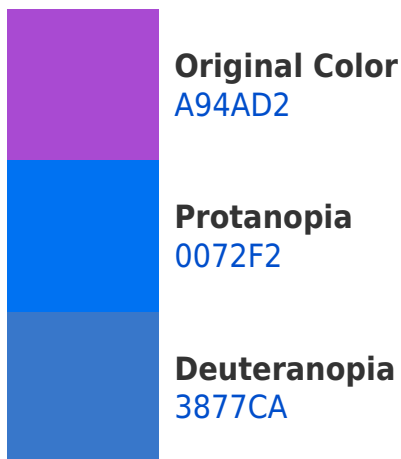


This preview shows how white text looks on a background with the Hex color A94AD2.

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](#).

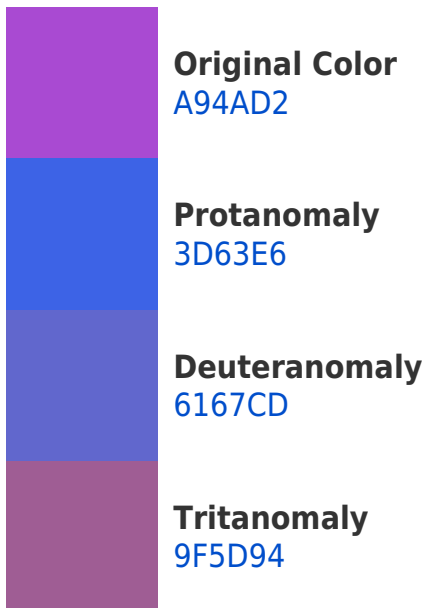
Dichromacy



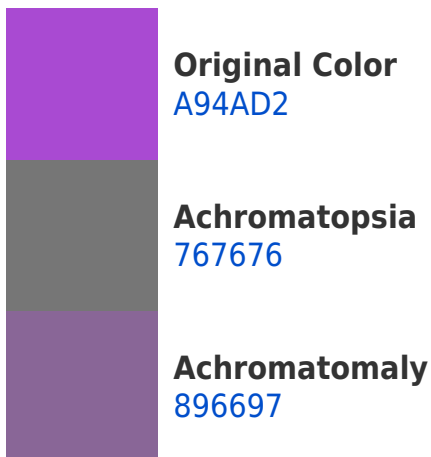


Tritanopia
9A6870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A94AD2 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 #A94AD2 looks like.

```
.text, #text, p{  
    color:#A94AD2  
}
```

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 #A94AD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A94AD2
}
```

Border

The CSS property to change the border of an element to Hex A94AD2 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
#A94AD2 }
```

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

```
.border{ border-color:#A94AD2 }
```

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

Here you see how a box with a 4 pixel #A94AD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A94AD2; -webkit-box-shadow:4px 4px  
4px 4px #A94AD2; box-shadow:4px 4px 4px  
4px #A94AD2 }
```

Background

The CSS property to change the background color of an element to Hex A94AD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A94AD2 }
```

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

```
.background{ background-color:#A94AD2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor