

# Converting Colors

Hex(AA94B2)

Have a look what the booklet for  
Hex(AA94B2) contains.

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# **Color**

**Hex(AA94B2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA94B2
RGB	170, 148, 178
RGB Percent	67%, 58%, 70%
CMY	0.3333, 0.4196, 0.3020
CMYK	0.04, 0.17, 0.00, 0.30
HSL	284°, 16%, 64%
HSV	284°, 17%, 70%
XYZ	35.2033, 32.9402, 46.6222
YIQ	157.9980, 3.4820, 13.9940

# Conversions

## Conversions Part 2

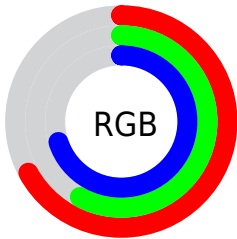
Format	Color
<a href="#">RYB</a>	<a href="#">170, 148, 178</a>
Decimal	<a href="#">11179186</a>
CIELab	<a href="#">64.11, 13.76, -12.62</a>
CIElCh	<a href="#">64, 18.672, 317.482</a>
Yxy	<a href="#">32.9402, 0.3067, 0.2870</a>
Android (android.graphics.Color)	<a href="#">4289369266 (0xFFAA94B2)</a>
YUV	<a href="#">157.9980, 9.8610, 10.5258</a>
Hunter-Lab	<a href="#">57.3936, 9.0474, -7.9872</a>

# Details

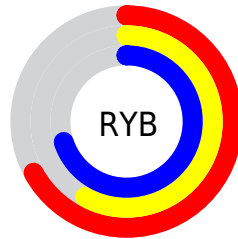
The Hex color **AA94B2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **9CB294**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **E1CAEA**, and **76617D** is the 20% darker color. If you saturate the color by 10%, you get **A582B2**, and if you desaturate by 10%, it is **AFA6B2**.

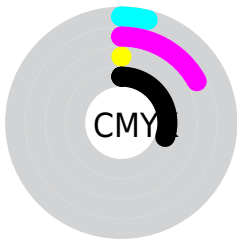
# Distribution



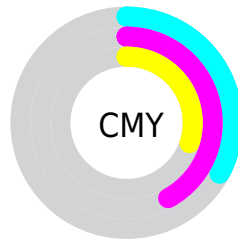
- Red (67%)
- Green (58%)
- Blue (70%)



- Red (67%)
- Yellow (58%)
- Blue (70%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (30%)



- Cyan (33%)
- Magenta (42%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA94B2 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 AA94B2 by changing the saturation by 10% instead.





AA94B2



AA94B2

FFFFFF



8F7A97



E1CAEA



76617D



FEE6FF



5D4964



45334C



2E1D36



1B0620



000006



000000



AA94B2



AA94B2

 A582B2

 AFA6B2

 A170B2

 B3B8B2

 9C5FB2

 B8C9B2

 974DB2

 BDDBB2

 923BB2

 C2EDB2

 8E29B2

 C6FFB2

 8917B2

 CBFFB2

 8406B2

 D0FFB2

 8300B2

 D5FFB2

# Harmonies

## Analogous

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



959ABB



AA94B2



B990A3

# Triad

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



AA94B2



AF987B



6FA5A5

# Complementary

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



AA94B2



9CB294

# 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.



79A494



AA94B2



9E9D7C

# Square

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



AA94B2



BA9384



8BA285



70A3B3

# Rectangle

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



AA94B2



BD9098



8BA285



71A59F



# Sweetspot

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



AA94B2



E5DCE8



949CB2



736E75



F5F5F5



757575



# Same Dimension

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



AA94B2



DCBAE8



B294AB



575059



700099



13001A



# Inverse Universe

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



B2949C



E8BAC6



94B29B



595053



990029

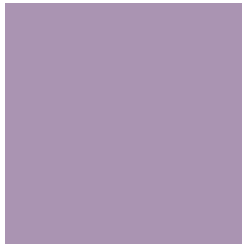


1A0007



# Previews

## White Background



This preview shows how the Hex color AA94B2 looks on a white background.

## Color Contrast Check

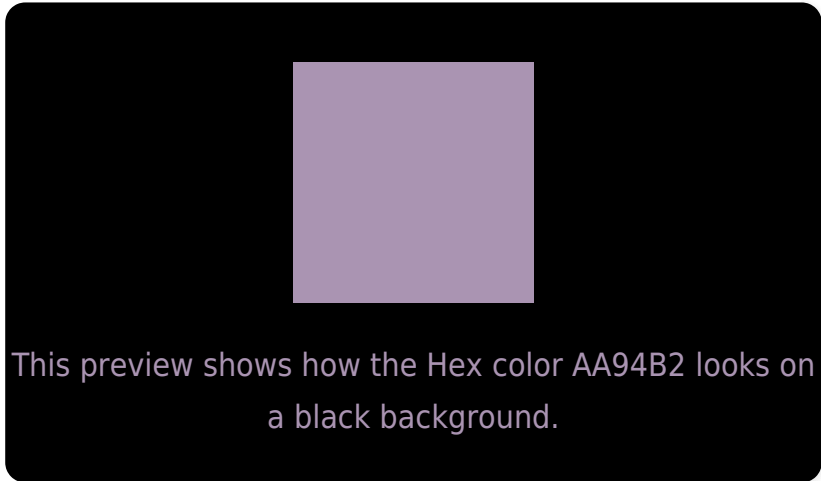
Large Text (above 18pt) WCAG AA × Fail

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

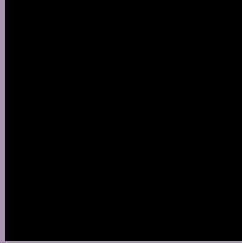
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AA94B2 Background



This preview shows how black text looks on a background with the Hex color AA94B2.



This preview shows how white text looks on a background with the Hex color AA94B2.

# 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



**Original Color**  
AA94B2

**Protanopia**  
969AB6

**Deuteranopia**  
A098B1



**Tritanopia**  
A897A3

# Trichromacy



**Original Color**  
AA94B2

**Protanomaly**  
9D98B5

**Deuteranomaly**  
A497B1

**Tritanomaly**  
A996A8

# Monochromacy



**Original Color**  
AA94B2

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
A29AA5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA94B2 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 #AA94B2 looks like.

```
.text, #text, p{  
    color:#AA94B2  
}
```

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 #AA94B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA94B2
}
```

## Border

The CSS property to change the border of an element to Hex AA94B2 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
#AA94B2 }
```

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

```
.border{ border-color:#AA94B2 }
```

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

Here you see how a box with a 4 pixel #AA94B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA94B2; -webkit-box-shadow:4px 4px  
4px 4px #AA94B2; box-shadow:4px 4px 4px  
4px #AA94B2 }
```

# Background

The CSS property to change the background color of an element to Hex AA94B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA94B2 }
```

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

```
.background{ background-color:#AA94B2 }
```

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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