

# Converting Colors

Hex(A890C8)

Have a look what the booklet for  
Hex(A890C8) contains.

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# **Color**

**Hex(A890C8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A890C8
RGB	168, 144, 200
RGB Percent	66%, 56%, 78%
CMY	0.3412, 0.4353, 0.2157
CMYK	0.16, 0.28, 0.00, 0.22
HSL	266°, 34%, 67%
HSV	266°, 28%, 78%
XYZ	36.5470, 32.4415, 58.9792
YIQ	157.5600, -3.6720, 22.5040

# Conversions

## Conversions Part 2

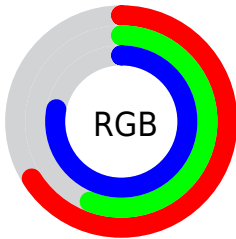
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 144, 200
Decimal	11047112
CIE <sub>Lab</sub>	63.71, 20.03, -25.61
CIE <sub>LCh</sub>	64, 32.509, 308.025
Yxy	32.4415, 0.2856, 0.2535
Android (android.graphics.Color)	4289237192 (0xFFA890C8)
YUV	157.5600, 20.9229, 9.1559
Hunter-Lab	56.9574, 14.8600, -21.5244

# Details

The Hex color **A890C8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B0C890**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **E0C6FF**, and **735D92** is the 20% darker color. If you saturate the color by 10%, you get **9D7CC8**, and if you desaturate by 10%, it is **B3A4C8**.

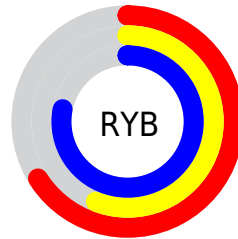
# Distribution



Red (66%)

Green (56%)

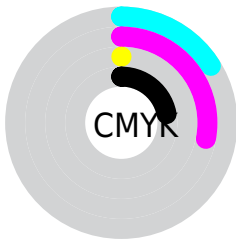
Blue (78%)



Red (66%)

Yellow (56%)

Blue (78%)

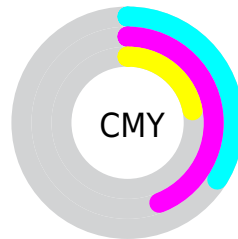


Cyan (16%)

Magenta (28%)

Yellow (0%)

Black (22%)



Cyan (34%)

Magenta (44%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A890C8 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 A890C8 by changing the saturation by 10% instead.



 A890C8

 A890C8

FFFFFF

 8D76AD

 E0C6FF

 735D92

 FDE2FF

 5A4678

 422F5F

 2A1A47

 160130

 00011B


 000000

 A890C8

 A890C8

 9D7CC8

 B3A4C8

 9168C8

 BFB8C8

 8654C8

 CACCC8

 7A40C8

 D6E0C8

 6F2CC8

 E1F4C8

 6318C8

 EDFFC8

 5804C8

 F8FFC8

 5600C8

 FFFFC8

# Harmonies

## Analogous

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



7E9AD3



A890C8



C587B1

# Triad

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



A890C8



C09165



40AAA1

# Complementary

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



A890C8



B0C890

# 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.



64A884



A890C8



A69B60

# Square

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



A890C8



D08878



87A36C



2FA8BD

# Rectangle

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



A890C8



D0849D



87A36C



4BAA97



# Sweetspot

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



A890C8



F3EBFF



90B1C8



787380



000000



808080



# Same Dimension

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



A890C8



CDA8FF



C390C8



5E5A63



4600A3



0F0024



# Inverse Universe

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



C890B0



FFA8DA



95C890



635A5F



A3005D

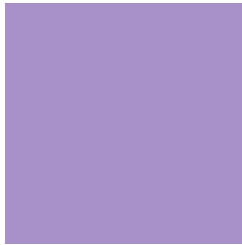


240014



# Previews

## White Background



This preview shows how the Hex color A890C8 looks on a white background.

## Color Contrast Check

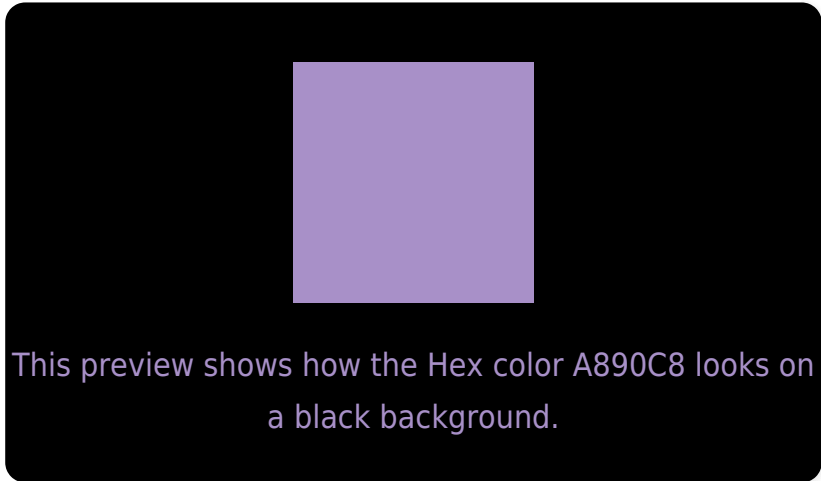
Large Text (above 18pt) WCAG AA × Fail

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

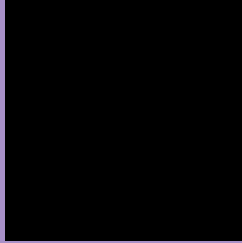
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A890C8 Background



This preview shows how black text looks on a background with the Hex color A890C8.



This preview shows how white text looks on a background with the Hex color A890C8.

# 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](#).

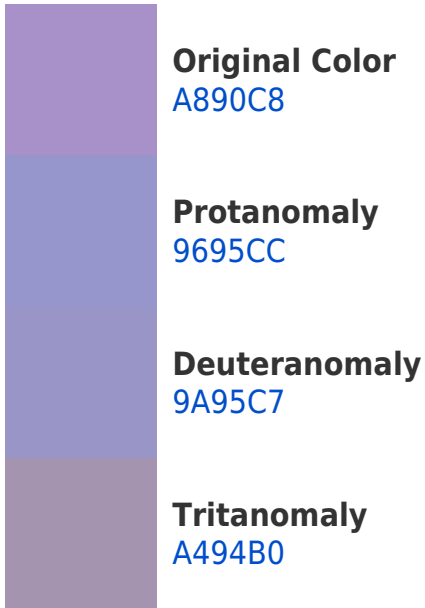
## Dichromacy



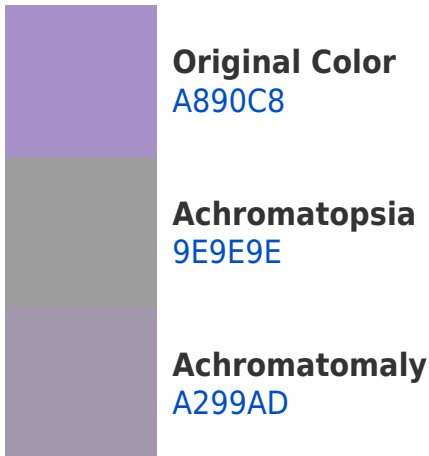


**Tritanopia**  
A297A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A890C8 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 #A890C8 looks like.

```
.text, #text, p{  
    color:#A890C8  
}
```

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 #A890C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A890C8
}
```

## Border

The CSS property to change the border of an element to Hex A890C8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

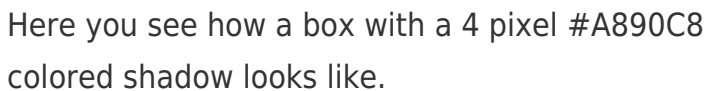
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A890C8 }
```

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

```
.border{ border-color:#A890C8 }
```

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



Here you see how a box with a 4 pixel `#A890C8` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A890C8; -webkit-box-shadow:4px 4px  
4px 4px #A890C8; box-shadow:4px 4px 4px  
4px #A890C8 }
```

# Background

The CSS property to change the background color of an element to Hex A890C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A890C8 }
```

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

```
.background{ background-color:#A890C8 }
```

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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