

# Converting Colors

Hex(AD90C6)

Have a look what the booklet for  
Hex(AD90C6) contains.

<b>Hex(AD90C6)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(AD90C6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD90C6
RGB	173, 144, 198
RGB Percent	68%, 56%, 78%
CMY	0.3216, 0.4353, 0.2235
CMYK	0.13, 0.27, 0.00, 0.22
HSL	272°, 32%, 67%
HSV	272°, 27%, 78%
XYZ	37.3999, 32.9080, 57.8068
YIQ	158.8270, -0.0500, 22.9420

# Conversions

## Conversions Part 2

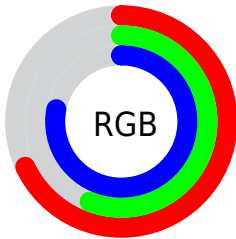
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	173, 144, 198
Decimal	11374790
CIE <sub>Lab</sub>	64.09, 21.19, -23.87
CIE <sub>LCh</sub>	64, 31.918, 311.606
Yxy	32.9080, 0.2919, 0.2569
Android (android.graphics.Color)	4289564870 (0xFFAD90C6)
YUV	158.8270, 19.3123, 12.4297
Hunter-Lab	57.3655, 15.9849, -19.5903

# Details

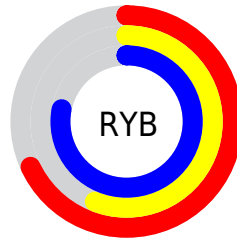
The Hex color **AD90C6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A9C690**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **E5C6FF**, and **785D90** is the 20% darker color. If you saturate the color by 10%, you get **A47CC6**, and if you desaturate by 10%, it is **B6A4C6**.

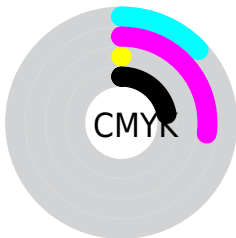
# Distribution



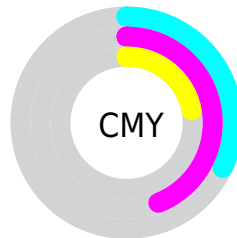
- Red (68%)
- Green (56%)
- Blue (78%)



- Red (68%)
- Yellow (56%)
- Blue (78%)



- Cyan (13%)
- Magenta (27%)
- Yellow (0%)
- Black (22%)



- Cyan (32%)
- Magenta (44%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD90C6 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 AD90C6 by changing the saturation by 10% instead.



 AD90C6

 AD90C6

FFFFFF

 9276AB

 E5C6FF

 785D90

 FFE2FF

 5F4676

 462F5D

 2F1946

 1A012F

 00011A

 000000

 AD90C6

 AD90C6

 A47CC6

 B6A4C6

 9B68C6

 BFB8C6

 9255C6

 C9CBC6

 8841C6

 D2DFC6

 7F2DC6

 DBF3C6

 7619C6

 E4FFC6

 6D05C6

 EDFFC6

 6A00C6

 F6FFC6

 FFFFC6

# Harmonies

## Analogous

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



859AD3



AD90C6



C888AE

# Triad

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



AD90C6



BE9466



40ABA6

# Complementary

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



AD90C6



A9C690

# 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.



62A988



AD90C6



A49D63

# Square

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



AD90C6



CF8A77



84A570



36A9C0

# Rectangle

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



AD90C6



D1869B



84A570



4BAB9C



# Sweetspot

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



AD90C6



F6EBFF



90A9C6



7A7380



000000



808080



# Same Dimension

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



AD90C6



D8ABFF



C690C4



5F5A63



5800A3



130024



# Inverse Universe

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



C690A9



FFABD2



90C692



635A5E



A3004C

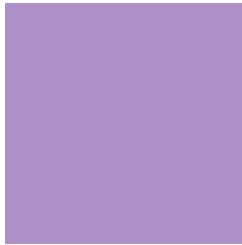


240011



# Previews

## White Background



This preview shows how the Hex color AD90C6 looks on a white background.

## Color Contrast Check

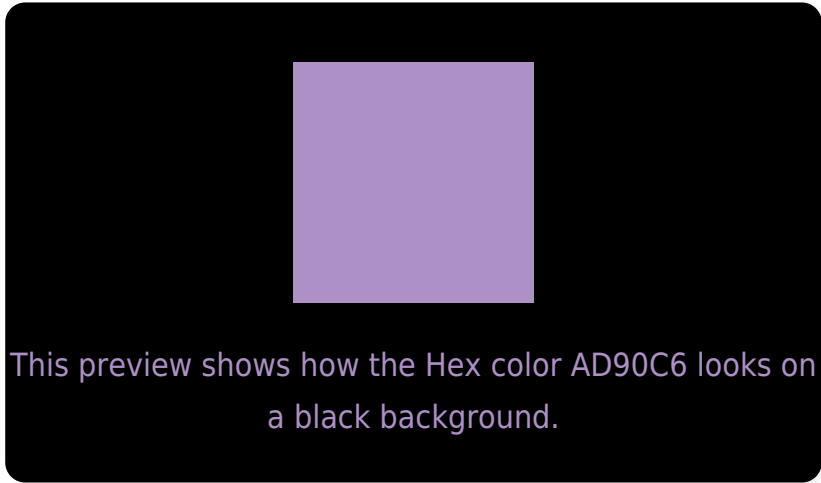
Large Text (above 18pt) WCAG AA × Fail

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

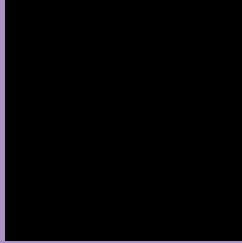
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AD90C6 Background



This preview shows how black text looks on a background with the Hex color AD90C6.

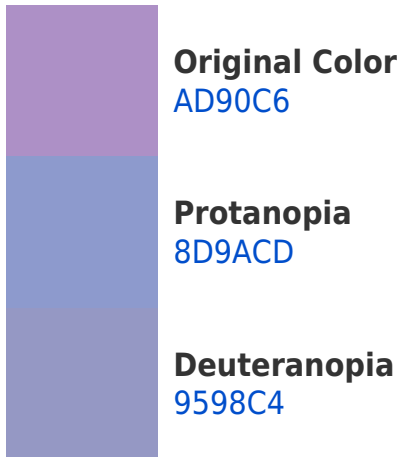


This preview shows how white text looks on a background with the Hex color AD90C6.

# 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**  
A797A3

# Trichromacy



**Original Color**  
AD90C6

**Protanomaly**  
9996CA

**Deuteranomaly**  
9E95C5

**Tritanomaly**  
A994B0

# Monochromacy



**Original Color**  
AD90C6

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
A49AAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD90C6 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 #AD90C6 looks like.

```
.text, #text, p{  
    color:#AD90C6  
}
```

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 #AD90C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD90C6
}
```

## Border

The CSS property to change the border of an element to Hex AD90C6 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
#AD90C6 }
```

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

```
.border{ border-color:#AD90C6 }
```

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

Here you see how a box with a 4 pixel #AD90C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD90C6; -webkit-box-shadow:4px 4px  
4px 4px #AD90C6; box-shadow:4px 4px 4px  
4px #AD90C6 }
```

# Background

The CSS property to change the background color of an element to Hex AD90C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD90C6 }
```

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

```
.background{ background-color:#AD90C6 }
```

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