

# Converting Colors

Hex(AE90D6)

Have a look what the booklet for  
Hex(AE90D6) contains.

<b>Hex(AE90D6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(AE90D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AE90D6
RGB	174, 144, 214
RGB Percent	68%, 56%, 84%
CMY	0.3176, 0.4353, 0.1608
CMYK	0.19, 0.33, 0.00, 0.16
HSL	266°, 46%, 70%
HSV	266°, 33%, 84%
XYZ	39.5664, 33.8002, 68.0570
YIQ	160.9500, -4.5900, 28.1300

# Conversions

## Conversions Part 2

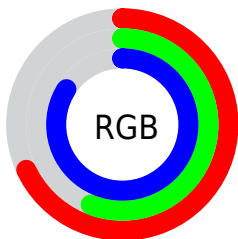
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 144, 214
Decimal	11440342
CIELab	64.80, 25.04, -31.69
CIELCh	65, 40.387, 308.323
Yxy	33.8002, 0.2798, 0.2390
Android (android.graphics.Color)	4289630422 (0xFFAE90D6)
YUV	160.9500, 26.1537, 11.4449
Hunter-Lab	58.1380, 19.7387, -28.7091

# Details

The Hex color **AE90D6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B8D690**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **E6C6FF**, and **785D9F** is the 20% darker color. If you saturate the color by 10%, you get **A27BD6**, and if you desaturate by 10%, it is **BAA5D6**.

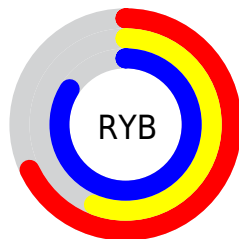
# Distribution



Red (68%)

Green (56%)

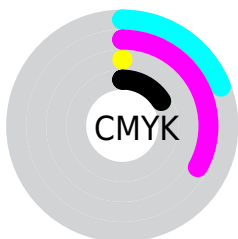
Blue (84%)



Red (68%)

Yellow (56%)

Blue (84%)

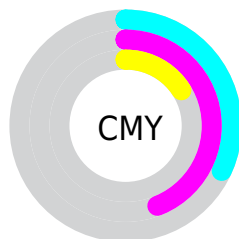


Cyan (19%)

Magenta (33%)

Yellow (0%)

Black (16%)



Cyan (32%)

Magenta (44%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE90D6 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 AE90D6 by changing the saturation by 10% instead.



 AE90D6

 AE90D6

FFFFFF

 9376BA

 E6C6FF

 785D9F

 FFE2FF

 5F4585

 462F6B

 2D1953

 16023B

 000025

 00010D

 000000

 AE90D6

 AE90D6

 A27BD6

 BAA5D6

 9665D6

 C6BBD6

 8950D6

 D3D0D6

 7D3AD6

 DFE6D6

 7125D6

 EBFBD6

 6510D6

 F7FFD6

 5C00D6

 FFFFD6

# Harmonies

## Analogous

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



779DE4



AE90D6



D284B9

# Triad

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



AE90D6



CA925A



00B0A6

# Complementary

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



AE90D6



B8D690

# 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.



54AE81



AE90D6



AA9E54

# Square

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



AE90D6



DE8672



83A863



00AEC9

# Rectangle

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



AE90D6



DF80A1



83A863



28B09A



# Sweetspot

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



AE90D6



F0E6FF



90B9D6



777080



000000



808080



# Same Dimension

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



AE90D6



C69CFF



D090D6



65606B



4900AB



13002B



# Inverse Universe

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



D690B8



FF9CD4



96D690



6B6067



AB0062

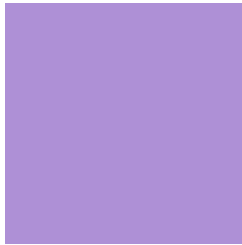


2B0019



# Previews

## White Background



This preview shows how the Hex color AE90D6 looks on a white background.

## Color Contrast Check

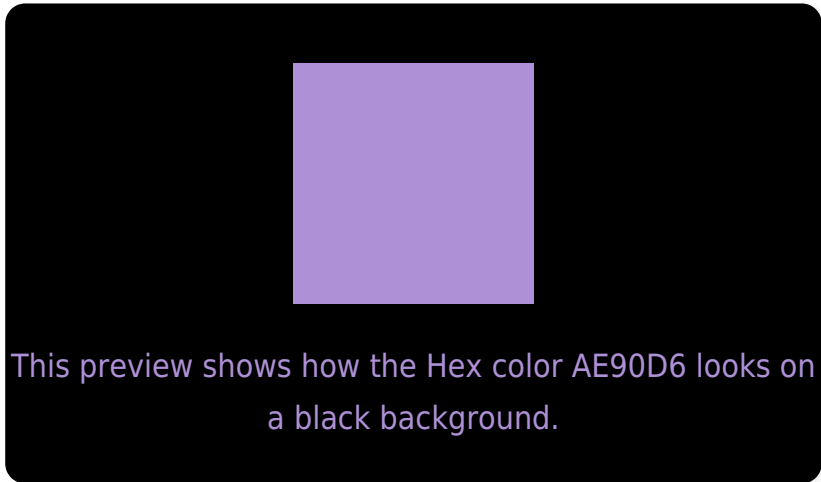
Large Text (above 18pt) WCAG AA × Fail

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 AE90D6 Background



This preview shows how black text looks on a background with the Hex color AE90D6.



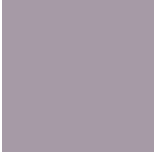
This preview shows how white text looks on a background with the Hex color AE90D6.

# 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](#).

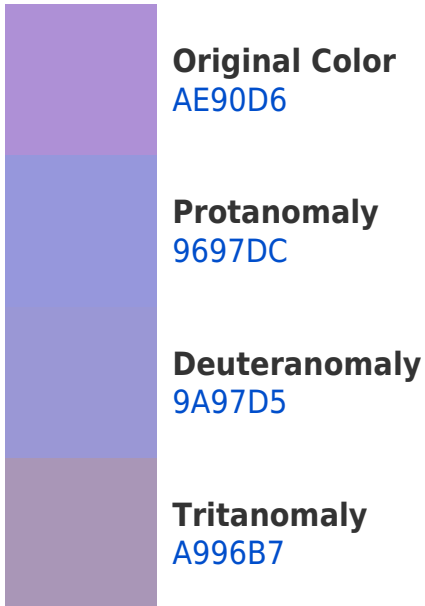
## Dichromacy



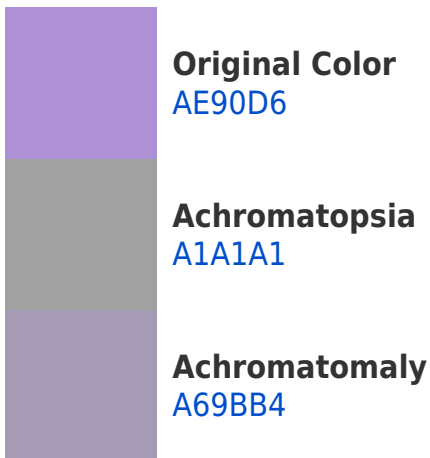


**Tritanopia**  
A69AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE90D6 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 #AE90D6 looks like.

```
.text, #text, p{  
    color:#AE90D6  
}
```

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 #AE90D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE90D6
}
```

## Border

The CSS property to change the border of an element to Hex AE90D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

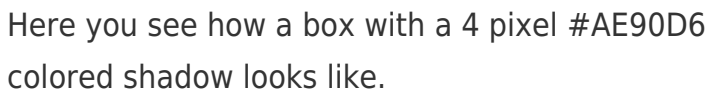
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE90D6 }
```

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

```
.border{ border-color:#AE90D6 }
```

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



Here you see how a box with a 4 pixel `#AE90D6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE90D6; -webkit-box-shadow:4px 4px  
4px 4px #AE90D6; box-shadow:4px 4px 4px  
4px #AE90D6 }
```

# Background

The CSS property to change the background color of an element to Hex AE90D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE90D6 }
```

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

```
.background{ background-color:#AE90D6 }
```

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