

# Converting Colors

Hex(AD117C)

Have a look what the booklet for  
Hex(AD117C) contains.

<b>Hex(AD117C)</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(AD117C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD117C
RGB	173, 17, 124
RGB Percent	68%, 7%, 49%
CMY	0.3216, 0.9333, 0.5137
CMYK	0.00, 0.90, 0.28, 0.32
HSL	319°, 82%, 37%
HSV	319°, 90%, 68%
XYZ	21.0721, 10.7404, 20.0313
YIQ	75.8420, 58.6290, 66.3490

# Conversions

## Conversions Part 2

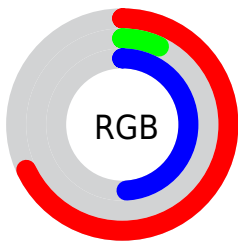
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	173, 17, 124
Decimal	11342204
CIE <sub>Lab</sub>	39.14, 64.95, -18.68
CIE <sub>LCh</sub>	39, 67.579, 343.953
Yxy	10.7404, 0.4065, 0.2072
Android (android.graphics.Color)	4289532284 (0xFFAD117C)
YUV	75.8420, 23.7419, 85.2076
Hunter-Lab	32.7725, 57.4203, -13.2986

# Details

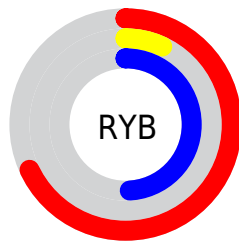
The Hex color **AD117C** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **11AD42**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **E857B1**, and **74004B** is the 20% darker color. If you saturate the color by 10%, you get **AD0077**, and if you desaturate by 10%, it is **AD2281**.

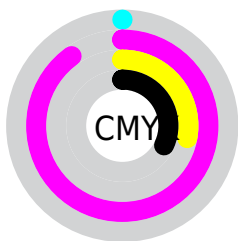
# Distribution



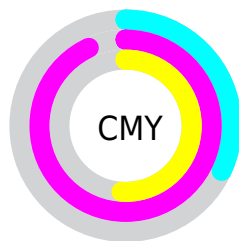
- Red (68%)
- Green (7%)
- Blue (49%)



- Red (68%)
- Yellow (7%)
- Blue (49%)



- Cyan (0%)
- Magenta (90%)
- Yellow (28%)
- Black (32%)



- Cyan (32%)
- Magenta (93%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD117C 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 AD117C by changing the saturation by 10% instead.



 AD117C

 AD117C

FFFFFF

 900063

 E857B1

 74004B

 FF74CC

 570034

 FF90E8

 3E001F

 FFADFF

 200001

 FFCAFF

 000000

 FFE7FF

 AD117C

 AD117C

 AD0077

 AD2281

 AD3487

 AD458C

 AD5692

 AD6897

 AD799D

 AD8AA2

 AD9BA7

 ADADAD

# Harmonies

## Analogous

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



7C3EAC



AD117C



BA0045

# Triad

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



AD117C



5A6200



0072A8

# Complementary

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



AD117C



11AD42

# 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.



007375



AD117C



006C00

# Square

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



AD117C



894F00



00713B



006BC7

# Rectangle

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



AD117C



B22222



00713B



007399



# Sweetspot

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



AD117C



E0A4CD



4011AD



704C65



F0F0F0



707070



# Same Dimension

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



AD117C



E0009A



AD1130



574E54



960067



170010



# Inverse Universe

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



AD117C



E0009A



11AD8E



574E54



960067



170010



# Previews

## White Background



This preview shows how the Hex color AD117C looks on a white background.

## Color Contrast Check

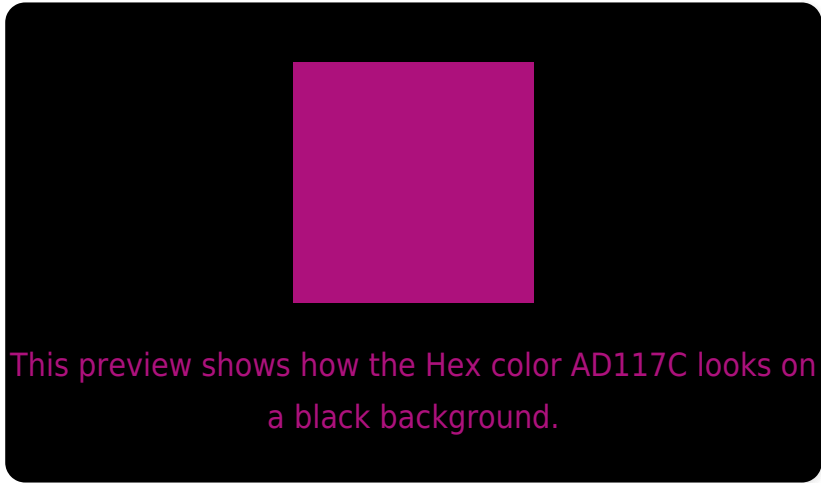
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

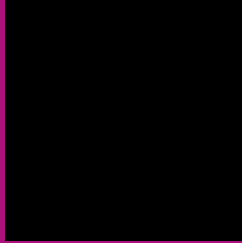
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AD117C Background



This preview shows how black text looks on a background with the Hex color AD117C.

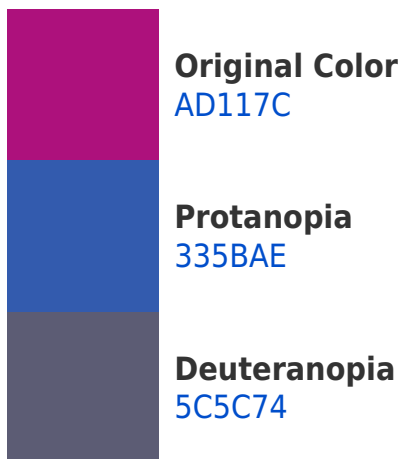



This preview shows how white text looks on a background with the Hex color AD117C.

# 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**  
A83335

# Trichromacy



**Original Color**  
AD117C



**Protanomaly**  
5F409C



**Deuteranomaly**  
794177



**Tritanomaly**  
AA274F

# Monochromacy



**Original Color**  
AD117C



**Achromatopsia**  
4C4C4C



**Achromatomaly**  
6F375D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD117C 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 #AD117C looks like.

```
.text, #text, p{  
    color:#AD117C  
}
```

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 #AD117C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD117C
}
```

## Border

The CSS property to change the border of an element to Hex AD117C 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
#AD117C }
```

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

```
.border{ border-color:#AD117C }
```

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

Here you see how a box with a 4 pixel #AD117C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD117C; -webkit-box-shadow:4px 4px  
4px 4px #AD117C; box-shadow:4px 4px 4px  
4px #AD117C }
```

# Background

The CSS property to change the background color of an element to Hex AD117C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD117C }
```

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

```
.background{ background-color:#AD117C }
```

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