

# Converting Colors

Hex(AD0572)

Have a look what the booklet for  
Hex(AD0572) contains.

<b>Hex(AD0572)</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(AD0572)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD0572
RGB	173, 5, 114
RGB Percent	68%, 2%, 45%
CMY	0.3216, 0.9804, 0.5529
CMYK	0.00, 0.97, 0.34, 0.32
HSL	321°, 94%, 35%
HSV	321°, 97%, 68%
XYZ	20.3251, 10.2077, 16.8186
YIQ	67.6580, 65.1390, 69.5150

# Conversions

## Conversions Part 2

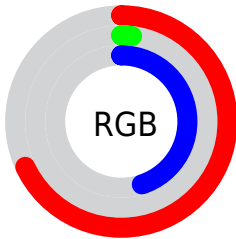
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	173, 5, 114
Decimal	11339122
CIE <sub>Lab</sub>	38.21, 65.32, -13.84
CIE <sub>LCh</sub>	38, 66.773, 348.038
Yxy	10.2077, 0.4292, 0.2156
Android (android.graphics.Color)	4289529202 (0xFFAD0572)
YUV	67.6580, 22.8466, 92.3849
Hunter-Lab	31.9495, 57.6438, -8.8464

# Details

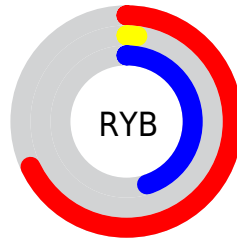
The Hex color **AD0572** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **05AD40**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **E953A6**, and **730042** is the 20% darker color. If you saturate the color by 10%, you get **AD0070**, and if you desaturate by 10%, it is **AD1678**.

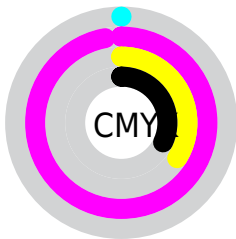
# Distribution



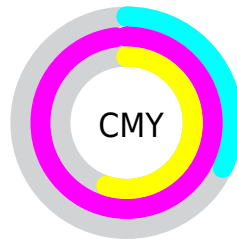
- Red (68%)
- Green (2%)
- Blue (45%)



- Red (68%)
- Yellow (2%)
- Blue (45%)



- Cyan (0%)
- Magenta (97%)
- Yellow (34%)
- Black (32%)



- Cyan (32%)
- Magenta (98%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD0572 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 AD0572 by changing the saturation by 10% instead.



 AD0572

 AD0572

FFFFFF

 900059

 E953A6

 730042

 FF70C1

 57002C

 FF8CDD

 3D0017

 FFA9FA

 1C0001

 FFC6FF

 000000

 FFE4FF

 AD0572

 AD0572

 AD0070

 AD1678

 AD287E

 AD3984

 AD4A8A

 AD5C90

 AD6D96

 AD7E9D

 AD8FA3

 ADA1A9

# Harmonies

## Analogous

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



8237A3



AD0572



B5013C

# Triad

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



AD0572



506100



006FAA

# Complementary

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



AD0572



05AD40

# 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.



00707A



AD0572



006B00

# Square

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



AD0572



805000



006F42



0067C5

# Rectangle

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



AD0572



AC2619



006F42



00709C



# Sweetspot

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



AD0572



E09FCA



4005AD



704962



F0F0F0



707070



# Same Dimension

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



AD0572



E00092



AD051E



574E54



960062



17000F



# Inverse Universe

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



AD0572



E00092



05AD94



574E54



960062



17000F



# Previews

## White Background



This preview shows how the Hex color AD0572 looks on a white background.

## Color Contrast Check

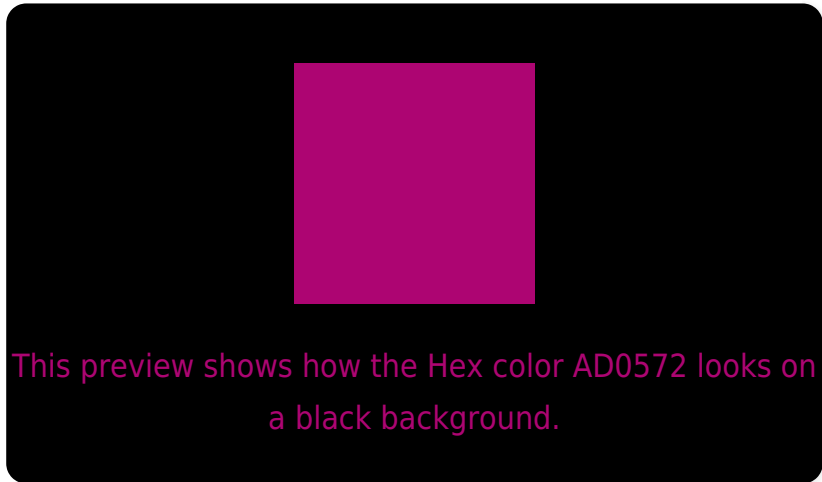
Large Text (above 18pt) WCAG AA ✓ Pass

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 AD0572 Background



This preview shows how black text looks on a background with the Hex color AD0572.

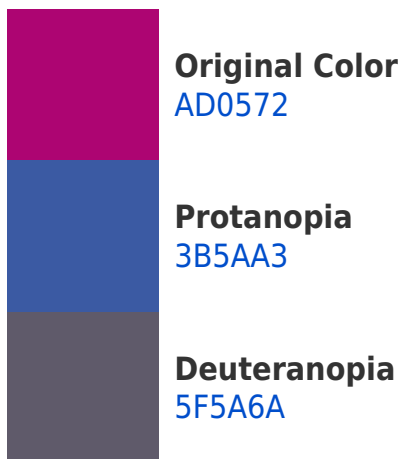


This preview shows how white text looks on a background with the Hex color AD0572.

# 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**  
A92D2F

# Trichromacy



**Original Color**  
AD0572



**Protanomaly**  
643B91



**Deuteranomaly**  
7B3B6D

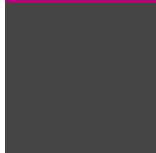


**Tritanomaly**  
AA1E47

# Monochromacy



**Original Color**  
AD0572



**Achromatopsia**  
444444



**Achromatomaly**  
6A2D55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD0572 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 #AD0572 looks like.

```
.text, #text, p{  
    color:#AD0572  
}
```

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 #AD0572 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD0572
}
```

## Border

The CSS property to change the border of an element to Hex AD0572 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
#AD0572 }
```

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

```
.border{ border-color:#AD0572 }
```

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

Here you see how a box with a 4 pixel #AD0572 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD0572; -webkit-box-shadow:4px 4px  
4px 4px #AD0572; box-shadow:4px 4px 4px  
4px #AD0572 }
```

# Background

The CSS property to change the background color of an element to Hex AD0572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD0572 }
```

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

```
.background{ background-color:#AD0572 }
```

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