

# Converting Colors

Hex(AD0235)

Have a look what the booklet for  
Hex(AD0235) contains.

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**Color**

**Hex(AD0235)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AD0235
RGB	173, 2, 53
RGB Percent	68%, 1%, 21%
CMY	0.3216, 0.9922, 0.7922
CMYK	0.00, 0.99, 0.69, 0.32
HSL	342°, 98%, 34%
HSV	342°, 99%, 68%
XYZ	17.8979, 9.1847, 4.1977
YIQ	58.9430, 85.5450, 52.1130

# Conversions

## Conversions Part 2

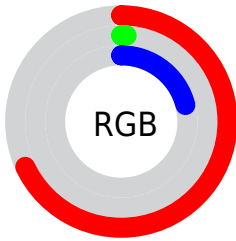
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	173, 2, 53
Decimal	11338293
CIE <sub>Lab</sub>	36.34, 61.00, 22.67
CIE <sub>LCh</sub>	36, 65.073, 20.391
Yxy	9.1847, 0.5722, 0.2936
Android (android.graphics.Color)	4289528373 (0xFFAD0235)
YUV	58.9430, -2.9299, 100.0280
Hunter-Lab	30.3063, 52.3803, 13.0022

# Details

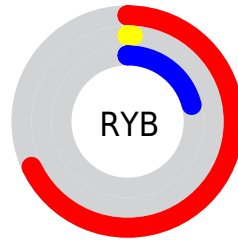
The Hex color **AD0235** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **02AD7A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **EB4F63**, and **70000A** is the 20% darker color. If you saturate the color by 10%, you get **AD0034**, and if you desaturate by 10%, it is **AD1341**.

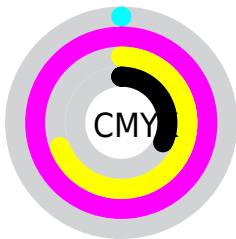
# Distribution



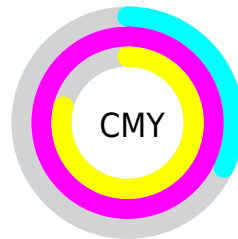
- Red (68%)
- Green (1%)
- Blue (21%)



- Red (68%)
- Yellow (1%)
- Blue (21%)



- Cyan (0%)
- Magenta (99%)
- Yellow (69%)
- Black (32%)



- Cyan (32%)
- Magenta (99%)
- Yellow (79%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD0235 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 AD0235 by changing the saturation by 10% instead.



 AD0235

 AD0235

FFFFFF

 8E0020

 EB4F63

 70000A

 FF6C7C

 520001

 FF8896

 360002

 FFA5B0

 050000

 FFC2CC

 000000

 FFDFE8

 FFFDFF

 AD0235

 AD0235

■ AD0034

■ AD1341

■ AD254D

■ AD3659

■ AD4766

■ AD5972

■ AD6A7E

■ AD7B8A

■ AD8C96

■ AD9EA2

# Harmonies

## Analogous

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



A70069



AD0235



9A3200

# Triad

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



AD0235



006601



0061BE

# Complementary

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



AD0235



02AD7A

# 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.



0069A6



AD0235



006A42

# Square

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



AD0235



485E00



006B79



044FB9

# Rectangle

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



AD0235



844600



006B79



0065B9



# Sweetspot

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



AD0235



E09DB1



7A02AD



704854



F0F0F0



707070



# Same Dimension

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



AD0235



E00043



AD2402



574E51



96002D



170007



# Inverse Universe

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



AD0235



E00043



028BAD



574E51



96002D



170007



# Previews

## White Background



This preview shows how the Hex color AD0235 looks on a white background.

## Color Contrast Check

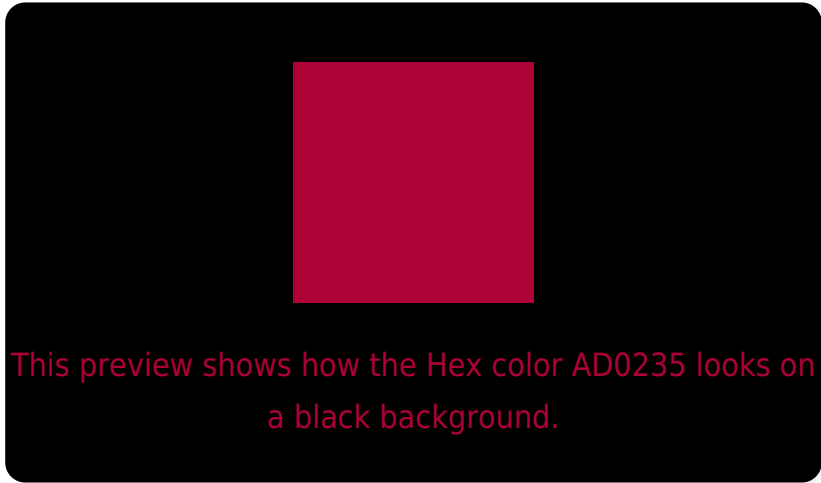
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

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



## Hex AD0235 Background



This preview shows how black text looks on a background with the Hex color AD0235.

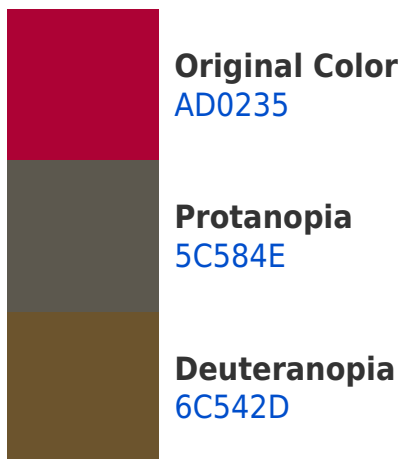


This preview shows how white text looks on a background with the Hex color AD0235.

# 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





# Trichromacy



**Original Color**  
AD0235

**Protanomaly**  
793945

**Deuteranomaly**  
843630

**Tritanomaly**  
AC0F1F

# Monochromacy



**Original Color**  
AD0235

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
642639

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD0235 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 #AD0235 looks like.

```
.text, #text, p{  
    color:#AD0235  
}
```

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 #AD0235 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD0235
}
```

## Border

The CSS property to change the border of an element to Hex AD0235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

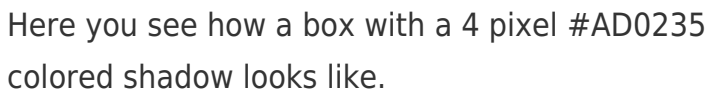
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AD0235 }
```

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

```
.border{ border-color:#AD0235 }
```

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



Here you see how a box with a 4 pixel #AD0235 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD0235; -webkit-box-shadow:4px 4px  
4px 4px #AD0235; box-shadow:4px 4px 4px  
4px #AD0235 }
```

# Background

The CSS property to change the background color of an element to Hex AD0235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD0235 }
```

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

```
.background{ background-color:#AD0235 }
```

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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