

# Converting Colors

Hex(AD33C7)

Have a look what the booklet for  
Hex(AD33C7) contains.

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**Color**

**Hex(AD33C7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD33C7
RGB	173, 51, 199
RGB Percent	68%, 20%, 78%
CMY	0.3216, 0.8000, 0.2196
CMYK	0.13, 0.74, 0.00, 0.22
HSL	289°, 59%, 49%
HSV	289°, 74%, 78%
XYZ	28.7262, 15.3754, 55.4865
YIQ	104.3500, 25.2040, 71.8920

# Conversions

## Conversions Part 2

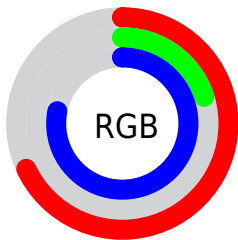
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	173, 51, 199
Decimal	11350983
CIE <sub>Lab</sub>	46.14, 67.68, -52.60
CIE <sub>LCh</sub>	46, 85.721, 322.145
Yxy	15.3754, 0.2885, 0.1544
Android (android.graphics.Color)	4289541063 (0xFFAD33C7)
YUV	104.3500, 46.6624, 60.2061
Hunter-Lab	39.2115, 62.1484, -56.4508

# Details

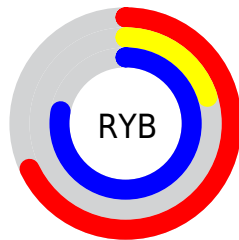
The Hex color **AD33C7** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **4DC733**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **E86EFF**, and **740090** is the 20% darker color. If you saturate the color by 10%, you get **AA1FC7**, and if you desaturate by 10%, it is **B047C7**.

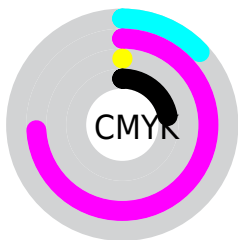
# Distribution



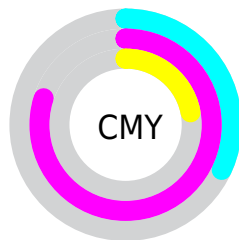
- Red (68%)
- Green (20%)
- Blue (78%)



- Red (68%)
- Yellow (20%)
- Blue (78%)



- Cyan (13%)
- Magenta (74%)
- Yellow (0%)
- Black (22%)



- Cyan (32%)
- Magenta (80%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD33C7 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 AD33C7 by changing the saturation by 10% instead.



 AD33C7

 AD33C7

FFFFFF

 9008AB

 E86EFF

 740090

 FF8AFF

 580076

 FFA6FF

 3C005C

 FFC3FF

 220044

 FFE0FF

 00002D

FFFEFF

 000117

 000000

 AD33C7

 AD33C7

■ AA1FC7

■ B047C7

■ A60BC7

■ B45BC7

■ A400C7

■ B76FC7

■ BB83C7

■ BE97C7

■ C2AAC7

■ C5BEC7

■ C9D2C7

■ CCE6C7

# Harmonies

## Analogous

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



0063F5



AD33C7



DE0083

# Triad

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



AD33C7



956400



008AA2

# Complementary

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



AD33C7



4DC733

# 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.



008957



AD33C7



537900

# Square

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



AD33C7



C73D00



008400



0088DF

# Rectangle

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



AD33C7



E50054



008400



008A8A



# Sweetspot

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



AD33C7



F5C7FF



334EC7



7A5E80



000000



808080



# Same Dimension

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



AD33C7



D71CFF



C73398



625A63



8700A3



1D0024



# Inverse Universe

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



C7334D



FF1C44



33C762



635A5B



A3001D



240006



# Previews

## White Background



This preview shows how the Hex color AD33C7 looks on a white background.

## Color Contrast Check

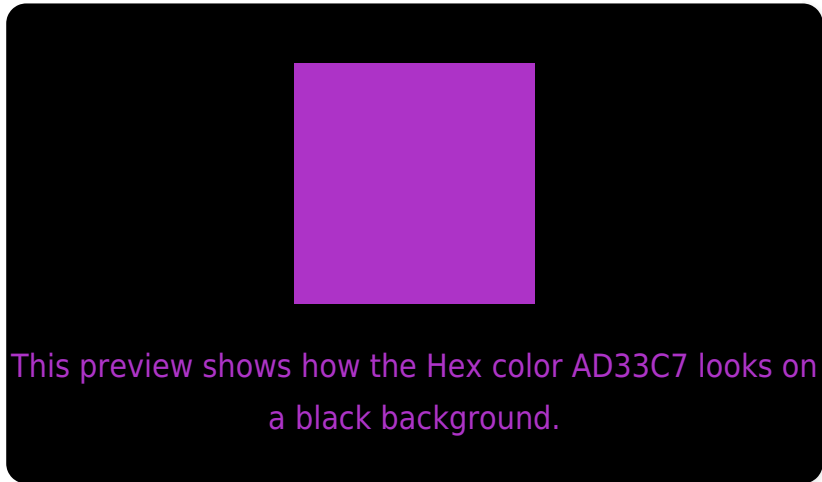
Large Text (above 18pt) WCAG AA ✓ Pass

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

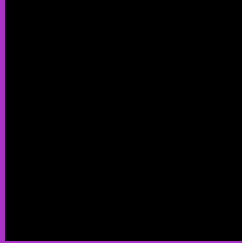
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AD33C7 Background



This preview shows how black text looks on a background with the Hex color AD33C7.

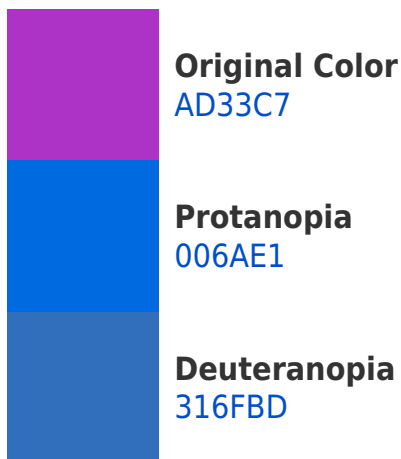



This preview shows how white text looks on a background with the Hex color AD33C7.

# 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**  
9F595F

# Trichromacy



**Original Color**  
AD33C7



**Protanomaly**  
3F56D8



**Deuteranomaly**  
5E59C1



**Tritanomaly**  
A44B85

# Monochromacy



**Original Color**  
AD33C7



**Achromatopsia**  
686868



**Achromatomaly**  
81558B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD33C7 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 #AD33C7 looks like.

```
.text, #text, p{  
    color:#AD33C7  
}
```

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 #AD33C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD33C7
}
```

## Border

The CSS property to change the border of an element to Hex AD33C7 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
#AD33C7 }
```

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

```
.border{ border-color:#AD33C7 }
```

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

Here you see how a box with a 4 pixel #AD33C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD33C7; -webkit-box-shadow:4px 4px  
4px 4px #AD33C7; box-shadow:4px 4px 4px  
4px #AD33C7 }
```

# Background

The CSS property to change the background color of an element to Hex AD33C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD33C7 }
```

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

```
.background{ background-color:#AD33C7 }
```

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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