

# Converting Colors

Hex(AD38D8)

Have a look what the booklet for  
Hex(AD38D8) contains.

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**Color**

**Hex(AD38D8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD38D8
RGB	173, 56, 216
RGB Percent	68%, 22%, 85%
CMY	0.3216, 0.7804, 0.1529
CMYK	0.20, 0.74, 0.00, 0.15
HSL	284°, 67%, 53%
HSV	284°, 74%, 85%
XYZ	31.0424, 16.6705, 66.5473
YIQ	109.2230, 18.3720, 74.5640

# Conversions

## Conversions Part 2

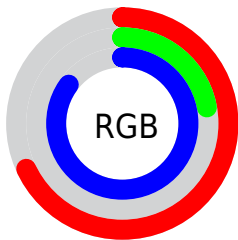
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	173, 56, 216
Decimal	11352280
CIE <sub>Lab</sub>	47.84, 69.15, -59.66
CIE <sub>LCh</sub>	48, 91.326, 319.215
Yxy	16.6705, 0.2717, 0.1459
Android (android.graphics.Color)	4289542360 (0xFFAD38D8)
YUV	109.2230, 52.6411, 55.9324
Hunter-Lab	40.8295, 64.2610, -68.0553

# Details

The Hex color **AD38D8** 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 **63D838**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **E872FF**, and **7300A0** is the 20% darker color. If you saturate the color by 10%, you get **A722D8**, and if you desaturate by 10%, it is **B34ED8**.

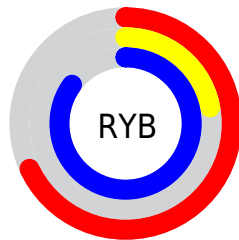
# Distribution



Red (68%)

Green (22%)

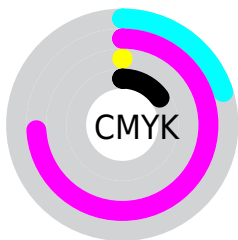
Blue (85%)



Red (68%)

Yellow (22%)

Blue (85%)

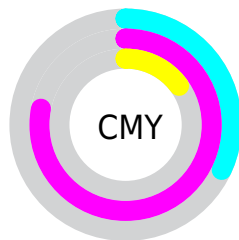


Cyan (20%)

Magenta (74%)

Yellow (0%)

Black (15%)



Cyan (32%)

Magenta (78%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD38D8 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 AD38D8 by changing the saturation by 10% instead.



 AD38D8

 AD38D8

FFFFFF

 9012BC

 E872FF

 7300A0

 FF8EFF

 570085

 FFABFF

 3A006B

 FFC8FF

 1E0052

 FFE5FF

 00003A

 000223

 00000A

 000000

 AD38D8

 AD38D8

 A722D8

 B34ED8

 A10DD8

 B963D8

 9E00D8

 BE79D8

 C48ED8

 CAA4D8

 D0BAD8

 D6CFD8

 DBE5D8

 E1FAD8

# Harmonies

## Analogous

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



006BFF



AD38D8



E70091

# Triad

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



AD38D8



A26400



0090A3

# Complementary

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



AD38D8



63D838

# 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.



008E52



AD38D8



5C7D00

# Square

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



AD38D8



D53600



008900



008EE7

# Rectangle

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



AD38D8



F2005E



008900



009088



# Sweetspot

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



AD38D8



F0C7FF



3865D8



775E80



000000



808080



# Same Dimension

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



AD38D8



C21CFF



D838B5



68606B



7D00AB



20002B



# Inverse Universe

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



D83863



FF1C59



38D85B



6B6063



AB002E



2B000C



# Previews

## White Background



This preview shows how the Hex color AD38D8 looks on a white background.

## Color Contrast Check

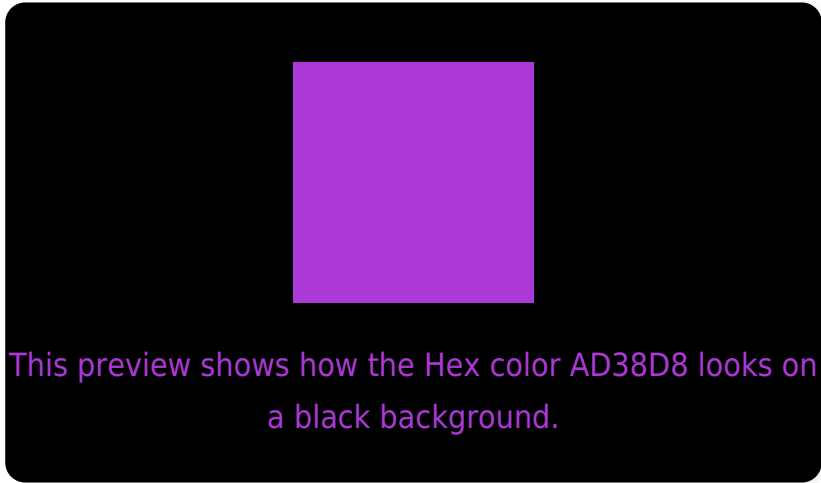
Large Text (above 18pt) WCAG AA ✓ Pass

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

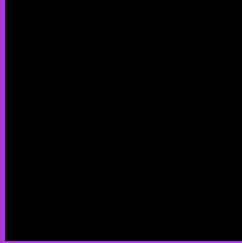
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AD38D8 Background



This preview shows how black text looks on a background with the Hex color AD38D8.

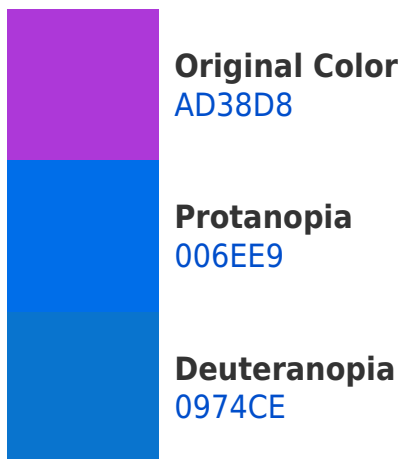



This preview shows how white text looks on a background with the Hex color AD38D8.

# 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**  
9C6168

# Trichromacy



**Original Color**  
AD38D8



**Protanomaly**  
3F5AE3



**Deuteranomaly**  
455ED2



**Tritanomaly**  
A25291

# Monochromacy



**Original Color**  
AD38D8



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
845A94

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD38D8 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 #AD38D8 looks like.

```
.text, #text, p{  
    color:#AD38D8  
}
```

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 #AD38D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD38D8  
}
```

## Border

The CSS property to change the border of an element to Hex AD38D8 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  
#AD38D8 }
```

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

```
.border{ border-color:#AD38D8 }
```

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

Here you see how a box with a 4 pixel #AD38D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD38D8; -webkit-box-shadow:4px 4px  
4px 4px #AD38D8; box-shadow:4px 4px 4px  
4px #AD38D8 }
```

# Background

The CSS property to change the background color of an element to Hex AD38D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD38D8 }
```

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

```
.background{ background-color:#AD38D8 }
```

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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