

# Converting Colors

Hex(AD23DC)

Have a look what the booklet for  
Hex(AD23DC) contains.

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# Color

Hex(AD23DC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD23DC
RGB	173, 35, 220
RGB Percent	68%, 14%, 86%
CMY	0.3216, 0.8627, 0.1373
CMYK	0.21, 0.84, 0.00, 0.14
HSL	285°, 73%, 50%
HSV	285°, 84%, 86%
XYZ	30.7529, 15.2536, 69.0335
YIQ	97.3520, 22.8630, 86.7910

# Conversions

## Conversions Part 2

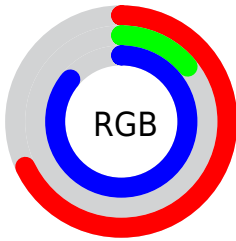
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	173, 35, 220
Decimal	11346908
CIE <sub>Lab</sub>	45.98, 76.10, -64.95
CIE <sub>LCh</sub>	46, 100.054, 319.519
Yxy	15.2536, 0.2673, 0.1326
Android (android.graphics.Color)	4289536988 (0xFFAD23DC)
YUV	97.3520, 60.4655, 66.3433
Hunter-Lab	39.0559, 72.2045, -77.4594

# Details

The Hex color **AD23DC** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **52DC23**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **E964FF**, and **7300A4** is the 20% darker color. If you saturate the color by 10%, you get **A70DDC**, and if you desaturate by 10%, it is **B339DC**.

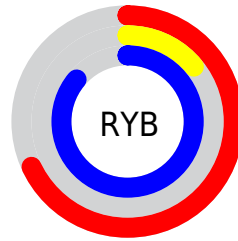
# Distribution



Red (68%)

Green (14%)

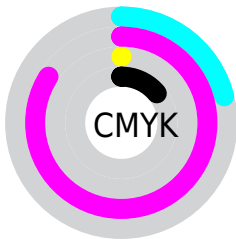
Blue (86%)



Red (68%)

Yellow (14%)

Blue (86%)

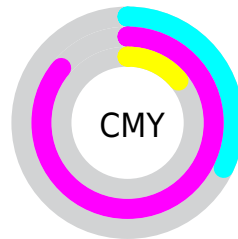


Cyan (21%)

Magenta (84%)

Yellow (0%)

Black (14%)



Cyan (32%)

Magenta (86%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD23DC 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 AD23DC by changing the saturation by 10% instead.



 AD23DC

 AD23DC

FFFFFF

 9000C0

 E964FF

 7300A4

 FF81FF

 550089

 FF9EFF

 37006E

 FFBBFF

 170055

 FFD9FF

 00003D

 FFF7FF

 000226

 00010F

 000000

■ AD23DC

■ AD23DC

■ A70DDC

■ B339DC

■ A400DC

■ B84FDC

■ BE65DC

■ C37BDC

■ C991DC

■ CFA7DC

■ D4BDDC

■ DAD3DC

■ DFE9DC

# Harmonies

## Analogous

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



0066FF



AD23DC



EC008E

# Triad

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



AD23DC



9D5F00



008CA3

# Complementary

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



AD23DC



52DC23

# 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.



008A4B



AD23DC



507900

# Square

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



AD23DC



D52200



008500



008BEE

# Rectangle

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



AD23DC



F60057



008500



008C87



# Sweetspot

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



AD23DC



EFBFFF



2354DC



765980



000000



808080



# Same Dimension

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



AD23DC



BE00FF



DC23B1



6B636E



8100AD



22002E



# Inverse Universe

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



DC2352



FF0041



23DC4E



6E6365



AD002C

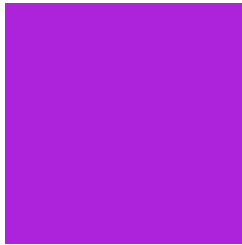


2E000C



# Previews

## White Background



This preview shows how the Hex color AD23DC 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

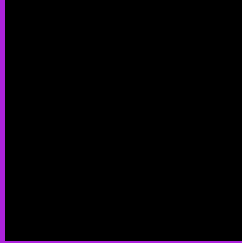
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AD23DC Background



This preview shows how black text looks on a background with the Hex color AD23DC.

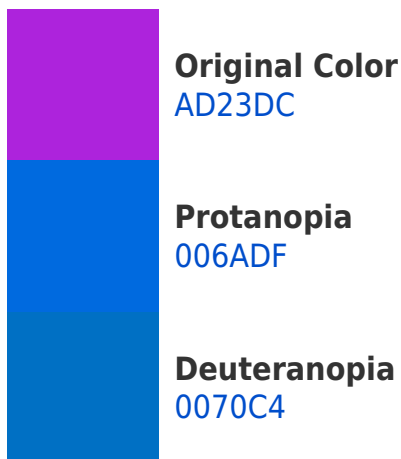


This preview shows how white text looks on a background with the Hex color AD23DC.

# 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](#).

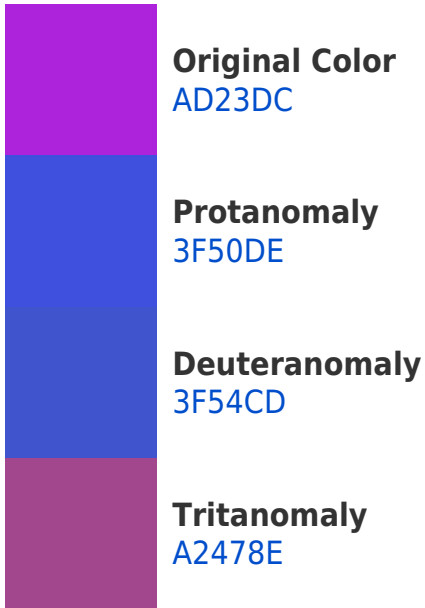
## Dichromacy



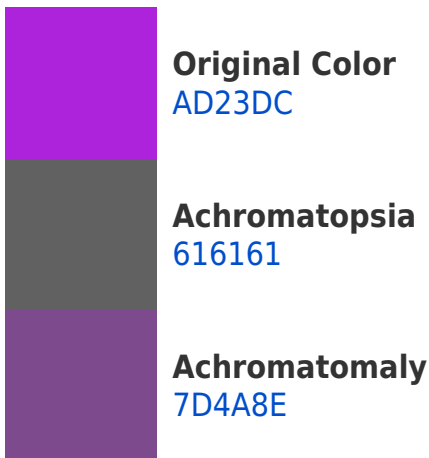


**Tritanopia**  
9B5B61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD23DC 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 #AD23DC looks like.

```
.text, #text, p{  
  color:#AD23DC  
}
```

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 #AD23DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD23DC
}
```

## Border

The CSS property to change the border of an element to Hex AD23DC 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
#AD23DC }
```

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

```
.border{ border-color:#AD23DC }
```

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

Here you see how a box with a 4 pixel #AD23DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD23DC; -webkit-box-shadow:4px 4px  
4px 4px #AD23DC; box-shadow:4px 4px 4px  
4px #AD23DC }
```

# Background

The CSS property to change the background color of an element to Hex AD23DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD23DC }
```

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

```
.background{ background-color:#AD23DC }
```

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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