

# Converting Colors

Hex(AD2376)

Have a look what the booklet for  
Hex(AD2376) contains.

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# Color

**Hex(AD2376)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD2376
RGB	173, 35, 118
RGB Percent	68%, 14%, 46%
CMY	0.3216, 0.8627, 0.5373
CMYK	0.00, 0.80, 0.32, 0.32
HSL	324°, 66%, 41%
HSV	324°, 80%, 68%
XYZ	21.1046, 11.3943, 18.2265
YIQ	85.7240, 55.6050, 55.0690

# Conversions

## Conversions Part 2

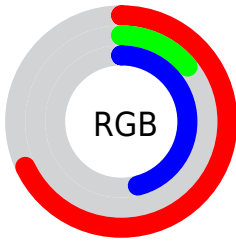
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	173, 35, 118
Decimal	11346806
CIE <sub>Lab</sub>	40.24, 60.37, -13.26
CIE <sub>LCh</sub>	40, 61.812, 347.608
Yxy	11.3943, 0.4161, 0.2246
Android (android.graphics.Color)	4289536886 (0xFFAD2376)
YUV	85.7240, 15.9121, 76.5411
Hunter-Lab	33.7555, 52.5300, -8.3853

# Details

The Hex color **AD2376** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **23AD5A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **E860AA**, and **740046** is the 20% darker color. If you saturate the color by 10%, you get **AD126F**, and if you desaturate by 10%, it is **AD347D**.

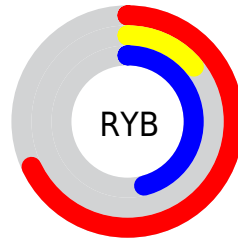
# Distribution



Red (68%)

Green (14%)

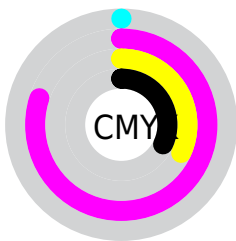
Blue (46%)



Red (68%)

Yellow (14%)

Blue (46%)

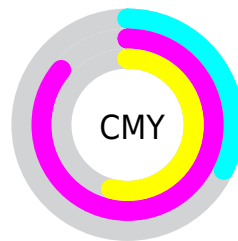


Cyan (0%)

Magenta (80%)

Yellow (32%)

Black (32%)



Cyan (32%)

Magenta (86%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD2376 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 AD2376 by changing the saturation by 10% instead.



 AD2376

 AD2376

FFFFFF

 90005D

 E860AA

 740046

 FF7CC5

 58002F

 FF98E1

 3F001B

 FFB4FE

 200001

 FFD1FF

 000000

 FFEFFF

 AD2376

 AD2376

 AD126F

 AD347D

AD0068

AD4684

AD578B

AD6892

AD7A98

AD8B9F

AD9CA6

ADADAD

ADBFB4

# Harmonies

## Analogous

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



8541A4



AD2376



B62144

# Triad

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



AD2376



586600



0073A9

# Complementary

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



AD2376



23AD5A

# 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.



00757C



AD2376



036F0E

# Square

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



AD2376



855500



007347



006BC2

# Rectangle

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



AD2376



AD3323



007347



00749C



# Sweetspot

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



AD2376



E0ABCB



5823AD



705063



F0F0F0



707070



# Same Dimension

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



AD2376



E0098B



AD2333



574E53



96005A



17000E



# Inverse Universe

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



AD2376



E0098B



23AD9D



574E53



96005A



17000E



# Previews

## White Background



This preview shows how the Hex color AD2376 looks on a white background.

## Color Contrast Check

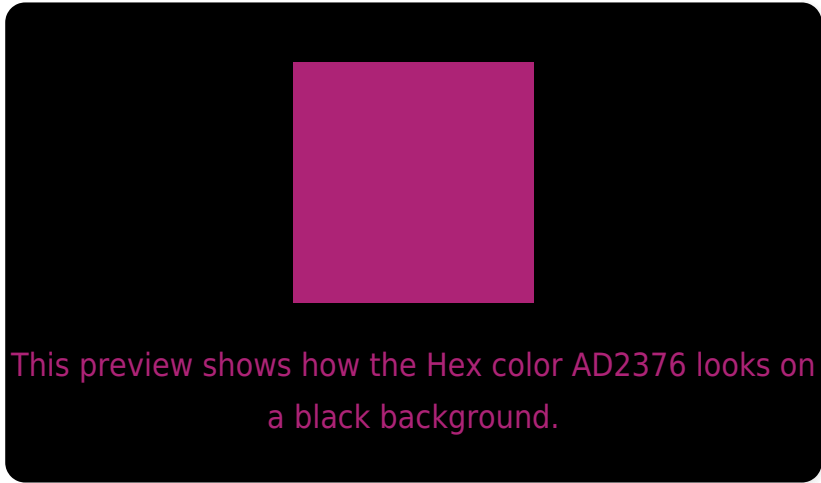
Large Text (above 18pt) WCAG AA ✓ Pass

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 AD2376 Background



This preview shows how black text looks on a background with the Hex color AD2376.

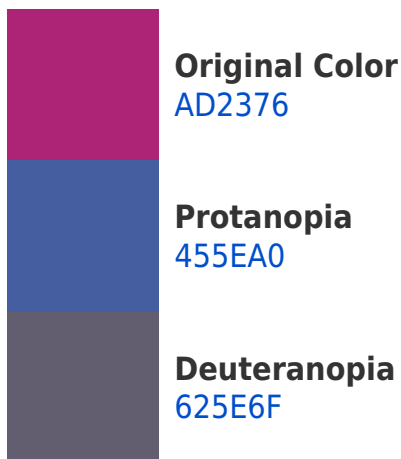



This preview shows how white text looks on a background with the Hex color AD2376.

# 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**  
A9373A

# Trichromacy



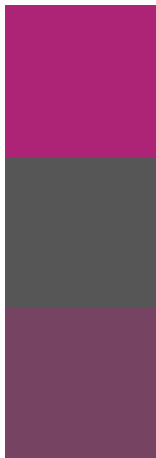
**Original Color**  
AD2376

**Protanomaly**  
6B4991

**Deuteranomaly**  
7D4972

**Tritanomaly**  
AA3050

# Monochromacy



**Original Color**  
AD2376

**Achromatopsia**  
565656

**Achromatomaly**  
764362

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD2376 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 #AD2376 looks like.

```
.text, #text, p{  
    color:#AD2376  
}
```

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 #AD2376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD2376
}
```

## Border

The CSS property to change the border of an element to Hex AD2376 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
#AD2376 }
```

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

```
.border{ border-color:#AD2376 }
```

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

Here you see how a box with a 4 pixel #AD2376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD2376; -webkit-box-shadow:4px 4px  
4px 4px #AD2376; box-shadow:4px 4px 4px  
4px #AD2376 }
```

# Background

The CSS property to change the background color of an element to Hex AD2376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD2376 }
```

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

```
.background{ background-color:#AD2376 }
```

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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