

# Converting Colors

Decimal(11403370)

Have a look what the booklet for  
Decimal(11403370) contains.

<b>Decimal(11403370)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(11403370)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AE006A
RGB	174, 0, 106
RGB Percent	68%, 0%, 42%
CMY	0.3176, 1.0000, 0.5843
CMYK	0.00, 1.00, 0.39, 0.32
HSL	323°, 100%, 34%
HSV	323°, 100%, 68%
XYZ	20.0571, 10.0393, 14.5163
YIQ	64.1100, 69.6780, 69.8540

# Conversions

## Conversions Part 2

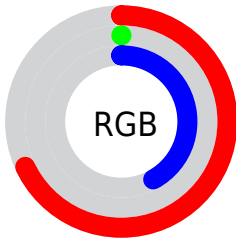
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 0, 106
Decimal	11403370
CIELab	37.91, 65.29, -9.22
CIElCh	38, 65.942, 351.964
Yxy	10.0393, 0.4496, 0.2250
Android (android.graphics.Color)	4289593450 (0xFFAE006A)
YUV	64.1100, 20.6518, 96.3735
Hunter-Lab	31.6848, 57.5454, -4.9842

# Details

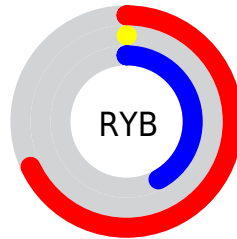
The Decimal color **11403370** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **44612**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **15356317**, and **7602235** is the 20% darker color. If you saturate the color by 10%, you get **11403370**, and if you desaturate by 10%, it is **11407729**.

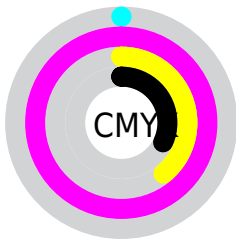
# Distribution



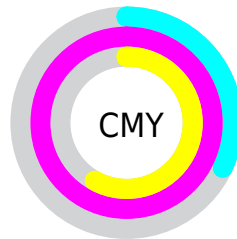
- Red (68%)
- Green (0%)
- Blue (42%)



- Red (68%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (39%)
- Black (32%)



- Cyan (32%)
- Magenta (100%)
- Yellow (58%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 11403370 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 Decimal color 11403370 by changing the saturation by 10% instead.



 11403370       11403370

16777215       9502802

 15356317       7602235

 16740024       5701669

 16747476       3997712

 16754928       1703937

 16762367       0

 16769791

 11403370

 11407729

■ 11412344

■ 11416702

■ 11421317

■ 11425676

■ 11430035

■ 11434650

■ 11439008

■ 11443623

# Harmonies

## Analogous

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



8991388



11403370



11668533

# Triad

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



11403370



4743680



28077

# Complementary

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



11403370



44612

# 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.



28800



11403370



27401

# Square

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



11403370



8016384



28233



26052

# Rectangle

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



11403370



10955793



28233



28576



# Sweetspot

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



11403370



14917576



4391086



7555427



15921906



7566195



# Same Dimension

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



11403370



14876810



11403284



5721683



9830492



1507342



# Inverse Universe

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



11403370



14876810



44698



5721683



9830492



1507342



# Previews

## White Background



This preview shows how the Decimal color 11403370 looks on a white background.

## Color Contrast Check

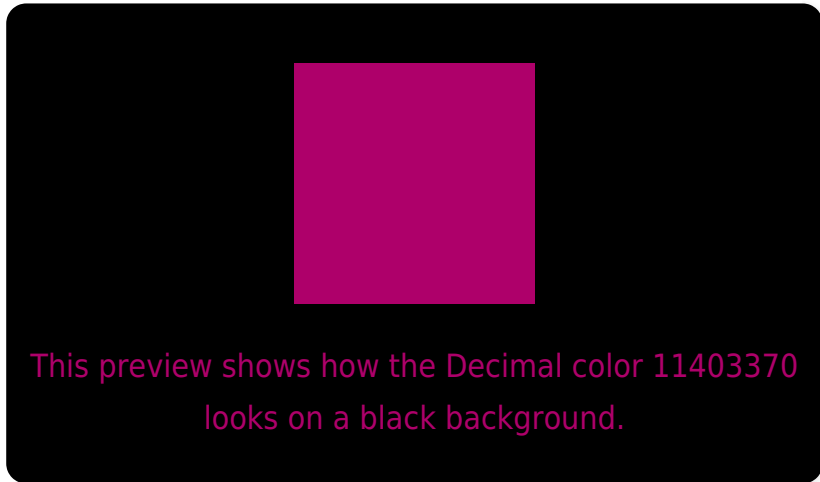
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 11403370 Background



This preview shows how black text looks on a background with the Decimal color 11403370.



This preview shows how white text looks on a background with the Decimal color 11403370.

# 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



**Original Color**  
11403370

**Protanopia**  
4414104

**Deuteranopia**  
6445410



**Tritanopia**  
11151915

# Trichromacy



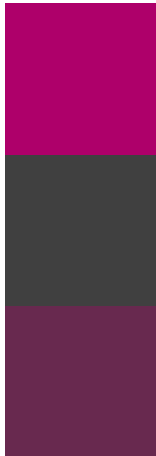
**Original Color**  
11403370

**Protanomaly**  
6961543

**Deuteranomaly**  
8272229

**Tritanomaly**  
11213634

# Monochromacy



**Original Color**  
11403370

**Achromatopsia**  
4210752

**Achromatomaly**  
6826319

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11403370 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 #AE006A looks like.

```
.text, #text, p{  
    color:#AE006A  
}
```

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 #AE006A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE006A
}
```

## Border

The CSS property to change the border of an element to Decimal 11403370 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
#AE006A }
```

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

```
.border{ border-color:#AE006A }
```

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

Here you see how a box with a 4 pixel #AE006A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE006A; -webkit-box-shadow:4px 4px  
4px 4px #AE006A; box-shadow:4px 4px 4px  
4px #AE006A }
```

# Background

The CSS property to change the background color of an element to Decimal 11403370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE006A }
```

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

```
.background{ background-color:#AE006A }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor