

# Converting Colors

Decimal(11301270)

Have a look what the booklet for  
Decimal(11301270) contains.

<b>Decimal(11301270)</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(11301270)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC7196
RGB	172, 113, 150
RGB Percent	67%, 44%, 59%
CMY	0.3255, 0.5569, 0.4118
CMYK	0.00, 0.34, 0.13, 0.33
HSL	322°, 26%, 56%
HSV	322°, 34%, 67%
XYZ	28.4234, 22.7829, 31.7536
YIQ	134.8590, 23.2870, 24.0150

# Conversions

## Conversions Part 2

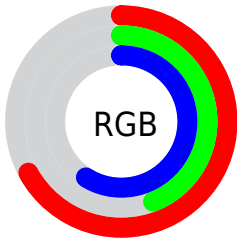
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 113, 150
Decimal	11301270
CIE <sub>Lab</sub>	54.85, 28.98, -10.48
CIE <sub>LCh</sub>	55, 30.818, 340.123
Yxy	22.7829, 0.3426, 0.2746
Android (android.graphics.Color)	4289491350 (0xFFAC7196)
YUV	134.8590, 7.4645, 32.5727
Hunter-Lab	47.7315, 22.7642, -6.0310

# Details

The Decimal color **11301270** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7449735**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **14984908**, and **7815267** is the 20% darker color. If you saturate the color by 10%, you get **11296912**, and if you desaturate by 10%, it is **11305628**.

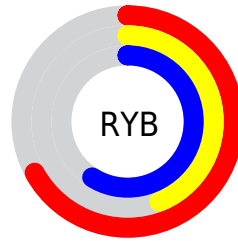
# Distribution



Red (67%)

Green (44%)

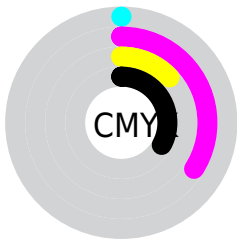
Blue (59%)



Red (67%)

Yellow (44%)

Blue (59%)

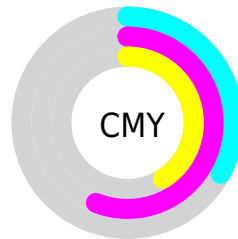


Cyan (0%)

Magenta (34%)

Yellow (13%)

Black (33%)



Cyan (33%)

Magenta (56%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11301270 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 11301270 by changing the saturation by 10% instead.



 11301270

 11301270

16777215

 9525372

 14984908

 7815267

 16761320

 6105163

 16768511

 4460853

 16775935

 2949151

 983044

 0

 11301270

 11301270

 11296912

 11305628

11292553

11309987

11287939

11314601

11283580

11318960

11279222

11323318

11274864

11327676

11272300

11332035

11336649

11337680

# Harmonies

## Analogous

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



9599404



11301270



12021627

# Triad

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



11301270



9209166



1347749

# Complementary

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



11301270



7449735

# 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.



2658956



11301270



7310426

# Square

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



11301270



10779473



5148784



4098997

# Rectangle

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



11301270



11956586



5148784



1282461



# Sweetspot

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



11301270



14731992



8876460



7365483



15790320



7368816



# Same Dimension

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



11301270



14714046



11301241



5721683



9830494



1507342



# Inverse Universe

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



11301270



14714046



7449764



5721683



9830494

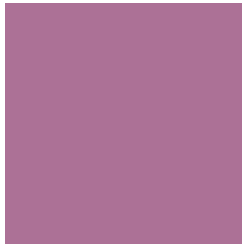


1507342



# Previews

## White Background



This preview shows how the Decimal color 11301270 looks on a white background.

## Color Contrast Check

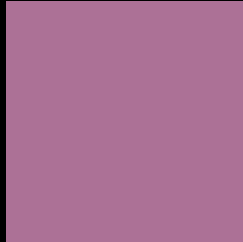
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 11301270 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

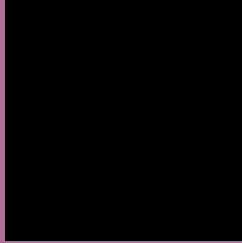
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 11301270 Background



This preview shows how black text looks on a background with the Decimal color 11301270.




This preview shows how white text looks on a background with the Decimal color 11301270.

# 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**  
11105662

# Trichromacy



**Original Color**  
11301270

**Protanomaly**  
9272478

**Deuteranomaly**  
9862036

**Tritanomaly**  
11170951

# Monochromacy



**Original Color**  
11301270

**Achromatopsia**  
8882055

**Achromatomaly**  
9731980

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11301270 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 #AC7196 looks like.

```
.text, #text, p{  
    color:#AC7196  
}
```

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 #AC7196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC7196
}
```

## Border

The CSS property to change the border of an element to Decimal 11301270 is called "border". The border property can be set on classes, ids or directly on the HTML element.

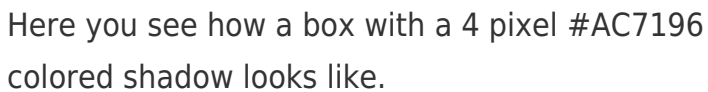
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC7196 }
```

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

```
.border{ border-color:#AC7196 }
```

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



Here you see how a box with a 4 pixel #AC7196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC7196; -webkit-box-shadow:4px 4px  
4px 4px #AC7196; box-shadow:4px 4px 4px  
4px #AC7196 }
```

# Background

The CSS property to change the background color of an element to Decimal 11301270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC7196 }
```

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

```
.background{ background-color:#AC7196 }
```

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