

# Converting Colors

Decimal(11304368)

Have a look what the booklet for  
Decimal(11304368) contains.

<b>Decimal(11304368)</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(11304368)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC7DB0
RGB	172, 125, 176
RGB Percent	67%, 49%, 69%
CMY	0.3255, 0.5098, 0.3098
CMYK	0.02, 0.29, 0.00, 0.31
HSL	295°, 24%, 59%
HSV	295°, 29%, 69%
XYZ	32.1833, 26.5725, 44.5070
YIQ	144.8670, 11.6410, 25.8250

# Conversions

## Conversions Part 2

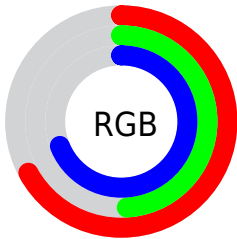
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 125, 176
Decimal	11304368
CIELab	58.58, 27.05, -19.85
CIELCh	59, 33.550, 323.727
Yxy	26.5725, 0.3117, 0.2573
Android (android.graphics.Color)	4289494448 (0xFFAC7DB0)
YUV	144.8670, 15.3486, 23.7956
Hunter-Lab	51.5485, 21.2333, -15.1071

# Details

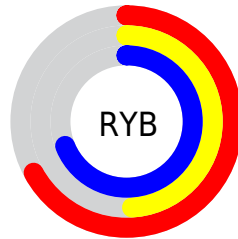
The Decimal color **11304368** is a light color, and the websafe version is hex **996699**. A complement of this color would be **8499325**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **14988008**, and **7818107** is the 20% darker color. If you saturate the color by 10%, you get **11234224**, and if you desaturate by 10%, it is **11374512**.

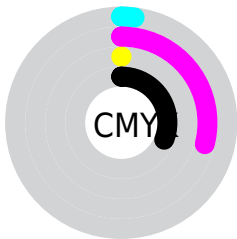
# Distribution



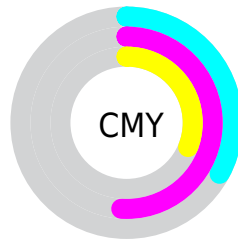
- Red (67%)
- Green (49%)
- Blue (69%)



- Red (67%)
- Yellow (49%)
- Blue (69%)



- Cyan (2%)
- Magenta (29%)
- Yellow (0%)
- Black (31%)



- Cyan (33%)
- Magenta (51%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11304368 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 11304368 by changing the saturation by 10% instead.



■ 11304368

■ 11304368

16777215

■ 9528469

■ 14988008

■ 7818107

■ 16764671

■ 6173794

■ 16771839

■ 4529482

■ 3016243

■ 1703967

■ 0

■ 11304368

■ 11304368

■ 11234224

■ 11374512

 11098800

 11509936

 11028656

 11580080

 10893232

 11715504

 10823088

 11785648

 10752944

 11855792

 10617520

 11991216

 10617008

 12058544

 12124080

# Harmonies

## Analogous

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



8882371



11304368



12678804

# Triad

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



11304368



10914130



564388

# Complementary

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



11304368



8499325

# 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.



4103301



11304368



8950358

# Square

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



11304368



12353375



6723945



1874363

# Rectangle

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



11304368



13006464



6723945



2006426



# Sweetspot

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



11304368



14995942



8225200



7497331



15921906



7566195



# Same Dimension

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



11304368



14652902



11566491



5853273



9240729



1572890



# Inverse Universe

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



11566465



15111579



8237202



5853265



10027020

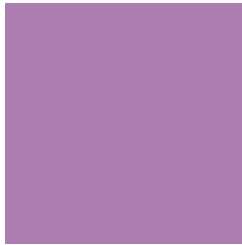


1703938



# Previews

## White Background



This preview shows how the Decimal color 11304368 looks on a white background.

## Color Contrast Check

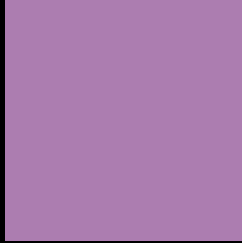
Large Text (above 18pt) WCAG AA ✓ Pass

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 11304368 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 11304368 Background



This preview shows how black text looks on a background with the Decimal color 11304368.



This preview shows how white text looks on a background with the Decimal color 11304368.

# 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**  
10978446

# Trichromacy



**Original Color**  
11304368

**Protanomaly**  
9471670

**Deuteranomaly**  
9930158

**Tritanomaly**  
11108762

# Monochromacy



**Original Color**  
11304368

**Achromatopsia**  
9539985

**Achromatomaly**  
10193564

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11304368 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 #AC7DB0 looks like.

```
.text, #text, p{  
    color:#AC7DB0  
}
```

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 #AC7DB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC7DB0
}
```

## Border

The CSS property to change the border of an element to Decimal 11304368 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
#AC7DB0 }
```

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

```
.border{ border-color:#AC7DB0 }
```

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

Here you see how a box with a 4 pixel #AC7DB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC7DB0; -webkit-box-shadow:4px 4px  
4px 4px #AC7DB0; box-shadow:4px 4px 4px  
4px #AC7DB0 }
```

# Background

The CSS property to change the background color of an element to Decimal 11304368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC7DB0 }
```

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

```
.background{ background-color:#AC7DB0 }
```

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