

# Converting Colors

Decimal(11306923)

Have a look what the booklet for  
Decimal(11306923) contains.

<b>Decimal(11306923)</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(11306923)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC87AB
RGB	172, 135, 171
RGB Percent	67%, 53%, 67%
CMY	0.3255, 0.4706, 0.3294
CMYK	0.00, 0.22, 0.01, 0.33
HSL	302°, 18%, 60%
HSV	302°, 22%, 67%
XYZ	33.0279, 29.0389, 42.3924
YIQ	150.1670, 10.4960, 19.0400

# Conversions

## Conversions Part 2

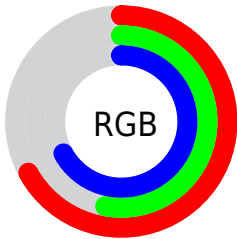
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 135, 171
Decimal	11306923
CIELab	60.82, 20.42, -13.60
CIElCh	61, 24.532, 326.335
Yxy	29.0389, 0.3162, 0.2780
Android (android.graphics.Color)	4289497003 (0xFFAC87AB)
YUV	150.1670, 10.2707, 19.1475
Hunter-Lab	53.8877, 15.0995, -8.9208

# Details

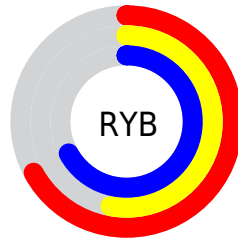
The Decimal color **11306923** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8891528**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **14990818**, and **7820663** is the 20% darker color. If you saturate the color by 10%, you get **11302571**, and if you desaturate by 10%, it is **11311275**.

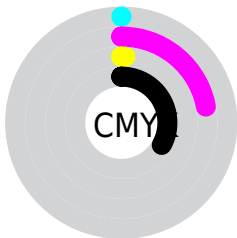
# Distribution



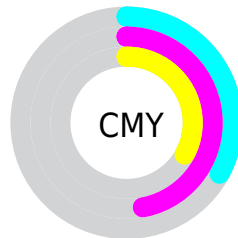
- Red (67%)
- Green (53%)
- Blue (67%)



- Red (67%)
- Yellow (53%)
- Blue (67%)



- Cyan (0%)
- Magenta (22%)
- Yellow (1%)
- Black (33%)



- Cyan (33%)
- Magenta (47%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11306923 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 11306923 by changing the saturation by 10% instead.



 11306923

 11306923

16777215

 9530768

 14990818

 7820663

 16767231

 6176094

 16774655

 4597574

 3084848

 1900571

 0


 11306923

 11306923

 11302571

 11311275

 11298218

 11315628

 11293610

 11320236

 11289257

 11324589


 11284905

 11328941

 11280552

 11333294

 11276200

 11337646

 11272359

 11337647

# Harmonies

## Analogous

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



9604793



11306923



12288918

# Triad

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



11306923



10850408



5349029

# Complementary

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



11306923



8891528

# 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.



6201231



11306923



9344876

# Square

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



11306923



11962735



7707770



5872566

# Rectangle

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



11306923



12551048



7707770



5480350



# Sweetspot

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



11306923



14734304



8947628



7366768



15790320



7368816



# Same Dimension

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



11306923



14722783



11306905



5721686



9830546



1507350



# Inverse Universe

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



11306923



14722783



8891546



5721686



9830546

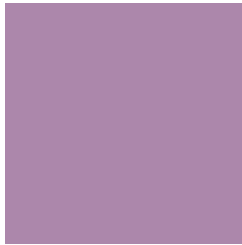


1507350



# Previews

## White Background



This preview shows how the Decimal color 11306923 looks on a white background.

## Color Contrast Check

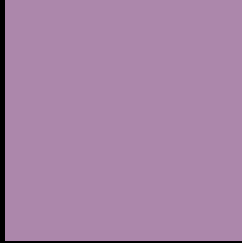
Large Text (above 18pt) WCAG AA ✓ Pass

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 11306923 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

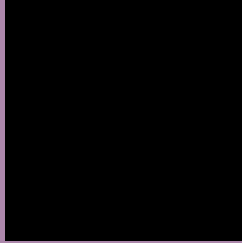
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 11306923 Background



This preview shows how black text looks on a background with the Decimal color 11306923.



This preview shows how white text looks on a background with the Decimal color 11306923.

# 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**  
11111318

# Trichromacy



**Original Color**  
11306923

**Protanomaly**  
9997999

**Deuteranomaly**  
10390698

**Tritanomaly**  
11176606

# Monochromacy



**Original Color**  
11306923

**Achromatopsia**  
9868950

**Achromatomaly**  
10391966

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11306923 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 #AC87AB looks like.

```
.text, #text, p{  
    color:#AC87AB  
}
```

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 #AC87AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC87AB
}
```

## Border

The CSS property to change the border of an element to Decimal 11306923 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
#AC87AB }
```

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

```
.border{ border-color:#AC87AB }
```

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

Here you see how a box with a 4 pixel #AC87AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC87AB; -webkit-box-shadow:4px 4px  
4px 4px #AC87AB; box-shadow:4px 4px 4px  
4px #AC87AB }
```

# Background

The CSS property to change the background color of an element to Decimal 11306923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC87AB }
```

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

```
.background{ background-color:#AC87AB }
```

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