

# Converting Colors

Decimal(11173301)

Have a look what the booklet for  
Decimal(11173301) contains.

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# **Color**

**Decimal(11173301)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA7DB5
RGB	170, 125, 181
RGB Percent	67%, 49%, 71%
CMY	0.3333, 0.5098, 0.2902
CMYK	0.06, 0.31, 0.00, 0.29
HSL	288°, 27%, 60%
HSV	288°, 31%, 71%
XYZ	32.2517, 26.5495, 47.1408
YIQ	144.8390, 8.8440, 26.9560

# Conversions

## Conversions Part 2

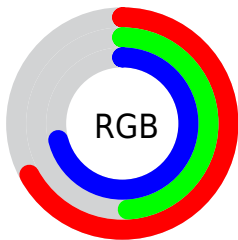
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 125, 181
Decimal	11173301
CIELab	58.55, 27.39, -22.76
CIELCh	59, 35.609, 320.274
Yxy	26.5495, 0.3044, 0.2506
Android (android.graphics.Color)	4289363381 (0xFFAA7DB5)
YUV	144.8390, 17.8274, 22.0662
Hunter-Lab	51.5262, 21.5573, -18.1755

# Details

The Decimal color **11173301** is a light color, and the websafe version is hex **996699**. A complement of this color would be **8959357**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **14856941**, and **7687040** is the 20% darker color. If you saturate the color by 10%, you get **10906549**, and if you desaturate by 10%, it is **11440053**.

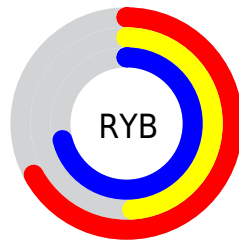
# Distribution



Red (67%)

Green (49%)

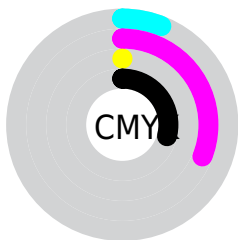
Blue (71%)



Red (67%)

Yellow (49%)

Blue (71%)

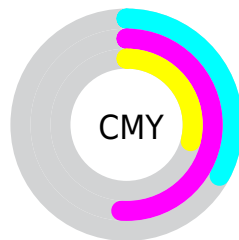


Cyan (6%)

Magenta (31%)

Yellow (0%)

Black (29%)



Cyan (33%)

Magenta (51%)


Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 11173301 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 11173301 by changing the saturation by 10% instead.



 11173301

 11173301

16777215

 9397402

 14856941

 7687040

 16764671

 6042727

 16771839


 4398415


 2885175

 1572898

 7

 0

 11173301

 11173301

10906549

11440053

10705333

11641269

10438581

11908021

10237365

12109237

9970613

12376245

9769141

12577461

9502901

12844213

13041589

13303733

# Harmonies

## Analogous

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



8489415



11173301



12744088

# Triad

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



11173301



11175759



40353

# Complementary

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



11173301



8959357

# 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.



3972481



11173301



9212497

# Square

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



11173301



12615006



6855012



39612

# Rectangle

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



11173301



13202563



6855012



826775



# Sweetspot

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



11173301



15128043



8226997



7563381



16119285



7697781



# Same Dimension

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



11173301



14324971



11894180



5722201



8061081



1310746



# Inverse Universe

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



11894152



15439013



8238478



5853266



10027038

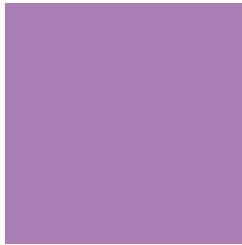


1703941



# Previews

## White Background



This preview shows how the Decimal color 11173301 looks on a white background.

## Color Contrast Check

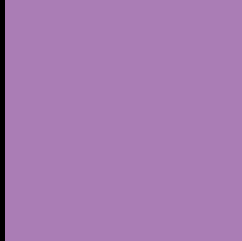
Large Text (above 18pt) WCAG AA ✓ Pass

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 11173301 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

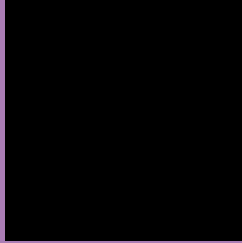
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 11173301 Background



This preview shows how black text looks on a background with the Decimal color 11173301.




This preview shows how white text looks on a background with the Decimal color 11173301.

# 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**  
10781839

# Trichromacy



**Original Color**  
11173301

**Protanomaly**  
9340604

**Deuteranomaly**  
9733555

**Tritanomaly**  
10912157

# Monochromacy



**Original Color**  
11173301

**Achromatopsia**  
9539985

**Achromatomaly**  
10128030

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11173301 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 #AA7DB5 looks like.

```
.text, #text, p{  
    color:#AA7DB5  
}
```

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 #AA7DB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA7DB5
}
```

## Border

The CSS property to change the border of an element to Decimal 11173301 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
#AA7DB5 }
```

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

```
.border{ border-color:#AA7DB5 }
```

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

Here you see how a box with a 4 pixel #AA7DB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA7DB5; -webkit-box-shadow:4px 4px  
4px 4px #AA7DB5; box-shadow:4px 4px 4px  
4px #AA7DB5 }
```

# Background

The CSS property to change the background color of an element to Decimal 11173301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA7DB5 }
```

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

```
.background{ background-color:#AA7DB5 }
```

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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