

# Converting Colors

Decimal(11300318)

Have a look what the booklet for  
Decimal(11300318) contains.

<b>Decimal(11300318)</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(11300318)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC6DDE
RGB	172, 109, 222
RGB Percent	67%, 43%, 87%
CMY	0.3255, 0.5725, 0.1294
CMYK	0.23, 0.51, 0.00, 0.13
HSL	273°, 63%, 65%
HSV	273°, 51%, 87%
XYZ	35.6667, 24.9819, 72.0494
YIQ	140.7190, 1.2750, 48.4990

# Conversions

## Conversions Part 2

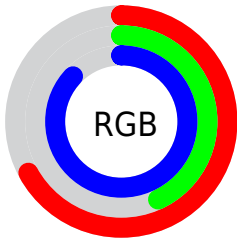
Format	Color
R <sub>YB</sub>	172, 109, 222
Decimal	11300318
CIE <sub>Lab</sub>	57.06, 45.74, -48.32
CIE <sub>LCh</sub>	57, 66.536, 313.428
Yxy	24.9819, 0.2688, 0.1883
Android (android.graphics.Color)	4289490398 (0xFFAC6DDE)
YUV	140.7190, 40.0715, 27.4334
Hunter-Lab	49.9819, 39.9081, -50.4799

# Details

The Decimal color **11300318** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **10477165**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **15115007**, and **7682726** is the 20% darker color. If you saturate the color by 10%, you get **10639326**, and if you desaturate by 10%, it is **11961310**.

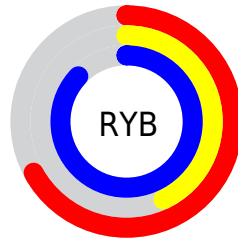
# Distribution



Red (67%)

Green (43%)

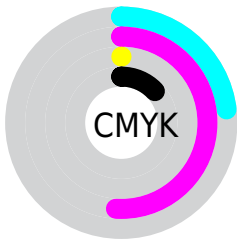
Blue (87%)



Red (67%)

Yellow (43%)

Blue (87%)

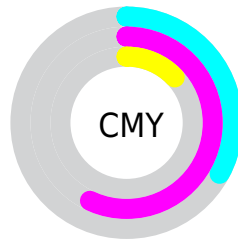


Cyan (23%)

Magenta (51%)

Yellow (0%)

Black (13%)



Cyan (33%)

Magenta (57%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11300318 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 11300318 by changing the saturation by 10% instead.



11300318

11300318

16777215

9458626

15115007

7682726

16760575

5906827

16767743

4129649

16775167

2293848

458816

809

275

0

■ 11300318

■ 11300318

■ 10639326

■ 11961310

■ 9978334

■ 12622302

■ 9382622

■ 13218014

■ 8721630

■ 13879006

■ 8126686

■ 14539998

■ 15200990

■ 15859678

■ 16515038

■ 16777182

# Harmonies

## Analogous

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



3442683



11300318



14701484

# Triad

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



11300318



12483072



42146

# Complementary

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



11300318



10477165

# 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.



41318



11300318



9211392

# Square

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



11300318



14836027



4758315



41432

# Rectangle

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



11300318



15616901



4758315



41870



# Sweetspot

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



11300318



15653375



7184606



7694720



0



8421504



# Same Dimension

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



11300318



12215295



14577112



7038320



6422704



1769520



# Inverse Universe

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



14577055



16737192



7200371



7365994



11534414

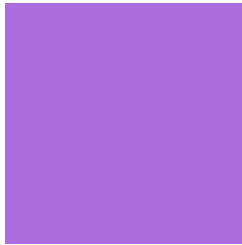


3145749



# Previews

## White Background



This preview shows how the Decimal color 11300318 looks on a white background.

## Color Contrast Check

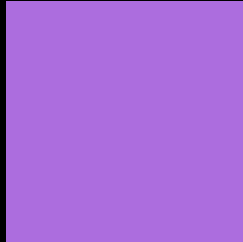
Large Text (above 18pt) WCAG AA ✓ Pass

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 11300318 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

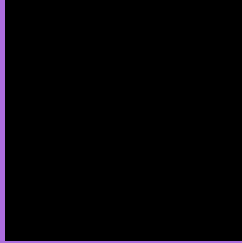
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 11300318 Background



This preview shows how black text looks on a background with the Decimal color 11300318.




This preview shows how white text looks on a background with the Decimal color 11300318.

# 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**  
10387851

# Trichromacy



**Original Color**  
11300318



**Protanomaly**  
7634157



**Deuteranomaly**  
8028122



**Tritanomaly**  
10713769

# Monochromacy



**Original Color**  
11300318



**Achromatopsia**  
9276813



**Achromatomaly**  
9994666

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11300318 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 #AC6DDE looks like.

```
.text, #text, p{  
  color:#AC6DDE  
}
```

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 #AC6DDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC6DDE
}
```

## Border

The CSS property to change the border of an element to Decimal 11300318 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
#AC6DDE }
```

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

```
.border{ border-color:#AC6DDE }
```

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

Here you see how a box with a 4 pixel #AC6DDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC6DDE; -webkit-box-shadow:4px 4px  
4px 4px #AC6DDE; box-shadow:4px 4px 4px  
4px #AC6DDE }
```

# Background

The CSS property to change the background color of an element to Decimal 11300318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC6DDE }
```

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

```
.background{ background-color:#AC6DDE }
```

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