

# Converting Colors

Decimal(11305939)

Have a look what the booklet for  
Decimal(11305939) contains.

<b>Decimal(11305939)</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(11305939)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC83D3
RGB	172, 131, 211
RGB Percent	67%, 51%, 83%
CMY	0.3255, 0.4863, 0.1725
CMYK	0.18, 0.38, 0.00, 0.17
HSL	271°, 48%, 67%
HSV	271°, 38%, 83%
XYZ	36.8874, 29.7064, 65.4177
YIQ	152.3790, -1.2440, 33.5720

# Conversions

## Conversions Part 2

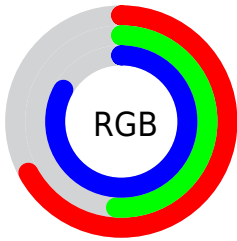
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 131, 211
Decimal	11305939
CIE <sub>Lab</sub>	61.40, 31.09, -35.31
CIE <sub>LCh</sub>	61, 47.050, 311.361
Yxy	29.7064, 0.2794, 0.2250
Android (android.graphics.Color)	4289496019 (0xFFAC83D3)
YUV	152.3790, 28.9002, 17.2076
Hunter-Lab	54.5036, 25.4256, -33.0101

# Details

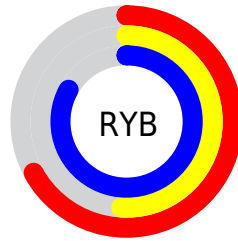
The Decimal color **11305939** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **11195267**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **14989823**, and **7754140** is the 20% darker color. If you saturate the color by 10%, you get **10645203**, and if you desaturate by 10%, it is **11966675**.

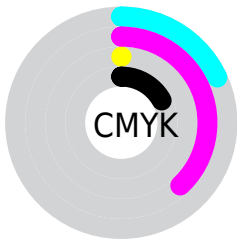
# Distribution



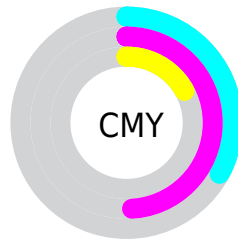
- Red (67%)
- Green (51%)
- Blue (83%)



- Red (67%)
- Yellow (51%)
- Blue (83%)



- Cyan (18%)
- Magenta (38%)
- Yellow (0%)
- Black (17%)



- Cyan (33%)
- Magenta (49%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11305939 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 11305939 by changing the saturation by 10% instead.



11305939

11305939

16777215

9529783

14989823

7754140

16766207

6044034

16773631

4399720

2755408

1441849

546

8

0

11305939

11305939

10645203

11966675

9918931

12692947

9258195

13353683

8597459

14014419

7936467

14675411

7210195

15400915

7078099

16056275

16711635

16777171

# Harmonies

## Analogous

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



6984678



11305939



13858224

# Triad

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



11305939



12749124



43427

# Complementary

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



11305939



11195267

# 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.



2926456



11305939



10327871

# Square

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



11305939



14383711



7381331



42954

# Rectangle

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



11305939



14709140



7381331



43413



# Sweetspot

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



11305939



15852543



8629203



7827328



0



8421504



# Same Dimension

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



11305939



13077759



13861843



6512233



5636264



1376297



# Inverse Universe

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



13861802



16747716



8639363



6905443



11010130



2686996



# Previews

## White Background



This preview shows how the Decimal color 11305939 looks on a white background.

## Color Contrast Check

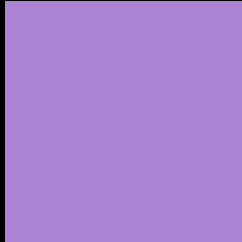
Large Text (above 18pt) WCAG AA ✓ Pass

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 11305939 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

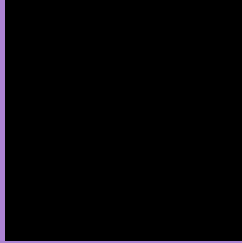
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 11305939 Background



This preview shows how black text looks on a background with the Decimal color 11305939.




This preview shows how white text looks on a background with the Decimal color 11305939.

# 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**  
10719130

# Trichromacy



**Original Color**  
11305939



**Protanomaly**  
9211355



**Deuteranomaly**  
9473489



**Tritanomaly**  
10914735

# Monochromacy



**Original Color**  
11305939



**Achromatopsia**  
10000536



**Achromatomaly**  
10457261

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11305939 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 #AC83D3 looks like.

```
.text, #text, p{  
    color:#AC83D3  
}
```

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 #AC83D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC83D3  
}
```

## Border

The CSS property to change the border of an element to Decimal 11305939 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  
#AC83D3 }
```

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

```
.border{ border-color:#AC83D3 }
```

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

Here you see how a box with a 4 pixel #AC83D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC83D3; -webkit-box-shadow:4px 4px  
4px 4px #AC83D3; box-shadow:4px 4px 4px  
4px #AC83D3 }
```

# Background

The CSS property to change the background color of an element to Decimal 11305939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC83D3 }
```

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

```
.background{ background-color:#AC83D3 }
```

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