

# Converting Colors

Decimal(11318237)

Have a look what the booklet for  
Decimal(11318237) contains.

<b>Decimal(11318237)</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(11318237)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACB3DD
RGB	172, 179, 221
RGB Percent	67%, 70%, 87%
CMY	0.3255, 0.2980, 0.1333
CMYK	0.22, 0.19, 0.00, 0.13
HSL	231°, 42%, 77%
HSV	231°, 22%, 87%
XYZ	46.1845, 46.2313, 74.8960
YIQ	181.6950, -17.6540, 11.5780

# Conversions

## Conversions Part 2

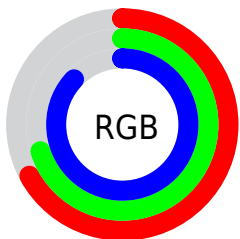
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 178, 221
Decimal	11318237
CIELab	73.70, 6.47, -21.90
CIElCh	74, 22.836, 286.457
Yxy	46.2313, 0.2760, 0.2763
Android (android.graphics.Color)	4289508317 (0xFFACB3DD)
YUV	181.6950, 19.3774, -8.5025
Hunter-Lab	67.9936, 2.2569, -17.7133

# Details

The Decimal color **11318237** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **14538412**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **15002623**, and **7831206** is the 20% darker color. If you saturate the color by 10%, you get **9871581**, and if you desaturate by 10%, it is **12764893**.

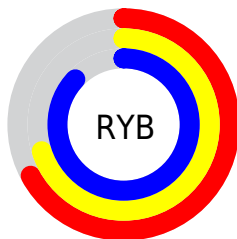
# Distribution



Red (67%)

Green (70%)

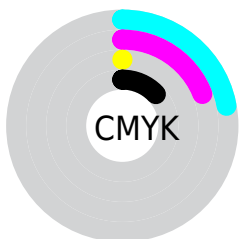
Blue (87%)



Red (67%)

Yellow (70%)

Blue (87%)

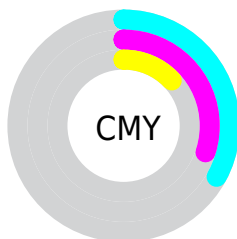


Cyan (22%)

Magenta (19%)

Yellow (0%)

Black (13%)



Cyan (33%)

Magenta (30%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11318237 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 11318237 by changing the saturation by 10% instead.



■ 11318237

■ 11318237

16777215

■ 9541825

■ 15002623

■ 7831206

■ 6186379

■ 4542066

■ 2963289

■ 1385026

■ 2859

■ 278

■ 0

■ 11318237

■ 11318237

■ 9871581

■ 12764893

■ 8424925

■ 14211549

■ 6978269

■ 15658205

■ 5531613

■ 16777181

■ 4084957

■ 2572765

■ 1126109

■ 8413

# Harmonies

## Analogous

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



9485021



11318237



13085906

# Triad

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



11318237



14461592



9093291

# Complementary

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



11318237



14538412

# 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.



10599832



11318237



13545613

# Square

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



11318237



14722730



12171149



8176064

# Rectangle

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



11318237



13936838



12171149



9552036



# Sweetspot

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



11318237



15593727



11328982



7698304



0



8421504



# Same Dimension

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



11318237



12240127



12430557



6513774



6573



1838



# Inverse Universe

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



14527667



16759492



13426092



7234404



11337753



3014663



# Previews

## White Background



This preview shows how the Decimal color 11318237 looks on a white background.

## Color Contrast Check

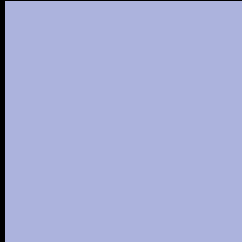
Large Text (above 18pt) WCAG AA × Fail

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 11318237 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

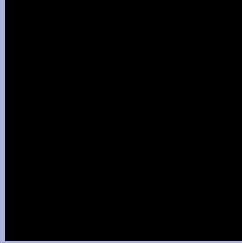
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11318237 Background



This preview shows how black text looks on a background with the Decimal color 11318237.



This preview shows how white text looks on a background with the Decimal color 11318237.

# 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



**Original Color**  
11318237

**Protanopia**  
11252701

**Deuteranopia**  
11710941



# Trichromacy



**Original Color**  
11318237

**Protanomaly**  
11252701

**Deuteranomaly**  
11580125

**Tritanomaly**  
11122382

# Monochromacy



**Original Color**  
11318237

**Achromatopsia**  
11974326

**Achromatomaly**  
11711940

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11318237 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 #ACB3DD looks like.

```
.text, #text, p{  
    color:#ACB3DD  
}
```

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 #ACB3DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACB3DD
}
```

## Border

The CSS property to change the border of an element to Decimal 11318237 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
#ACB3DD }
```

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

```
.border{ border-color:#ACB3DD }
```

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

Here you see how a box with a 4 pixel #ACB3DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACB3DD; -webkit-box-shadow:4px 4px  
4px 4px #ACB3DD; box-shadow:4px 4px 4px  
4px #ACB3DD }
```

# Background

The CSS property to change the background color of an element to Decimal 11318237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACB3DD }
```

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

```
.background{ background-color:#ACB3DD }
```

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