

# Converting Colors

Decimal(11906033)

Have a look what the booklet for  
Decimal(11906033) contains.

<b>Decimal(11906033)</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(11906033)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5ABF1
RGB	181, 171, 241
RGB Percent	71%, 67%, 95%
CMY	0.2902, 0.3294, 0.0549
CMYK	0.25, 0.29, 0.00, 0.05
HSL	249°, 71%, 81%
HSV	249°, 29%, 95%
XYZ	49.4961, 45.3005, 89.3542
YIQ	181.9700, -16.5100, 23.8900

# Conversions

## Conversions Part 2

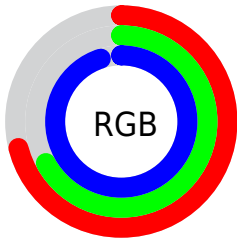
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 171, 241
Decimal	11906033
CIE <sub>Lab</sub>	73.09, 18.26, -33.64
CIE <sub>LCh</sub>	73, 38.281, 298.492
Yxy	45.3005, 0.2688, 0.2460
Android (android.graphics.Color)	4290096113 (0xFFB5ABF1)
YUV	181.9700, 29.1018, -0.8507
Hunter-Lab	67.3056, 13.4830, -31.5989

# Details

The Decimal color **11906033** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **15200683**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **15655679**, and **8353721** is the 20% darker color. If you saturate the color by 10%, you get **10523633**, and if you desaturate by 10%, it is **13288433**.

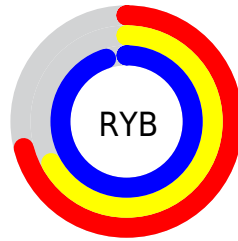
# Distribution



Red (71%)

Green (67%)

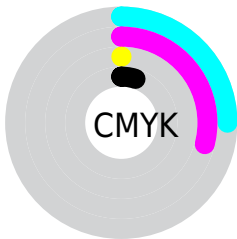
Blue (95%)



Red (71%)

Yellow (67%)

Blue (95%)

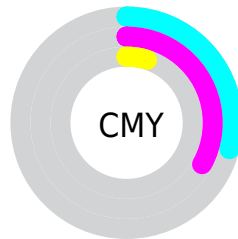


Cyan (25%)

Magenta (29%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (33%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11906033 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 11906033 by changing the saturation by 10% instead.



■ 11906033

16777215

■ 15655679

■ 11906033

■ 10129620

■ 8353721

■ 6643358

■ 4933251

■ 3289194

■ 1579857

■ 570

■ 548

■ 11

■ 11906033

■ 11906033

■ 10523633

■ 13288433

■ 9206769

■ 14605297

■ 7824369

■ 15987697

■ 6441969

■ 16777201

■ 5124849

■ 3742449

■ 2360049

■ 2228465

# Harmonies

## Analogous

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



8304633



11906033



14589913

# Triad

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



11906033



15246713



5293744

# Complementary

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



11906033



15200683

# 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.



8373134



11906033



13414765

# Square

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



11906033



16227220



11058037



2475732

# Rectangle

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



11906033



15702722



11058037



6342052



# Sweetspot

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



11906033



15460607



11266289



7565696



0



8421504



# Same Dimension

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



11906033



11708159



14134257



7236728



1704120



524344



# Inverse Universe

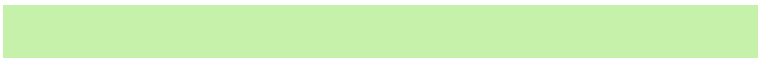
The Inverse Universe completely reimagines the original color for something new.



15838183



16754418



12972459



7892086



12058781

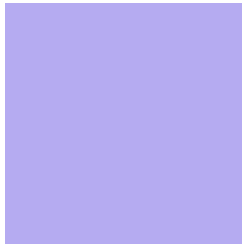


3670064



# Previews

## White Background



This preview shows how the Decimal color 11906033 looks on a white background.

## Color Contrast Check

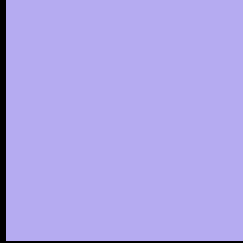
Large Text (above 18pt) WCAG AA × Fail

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 11906033 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

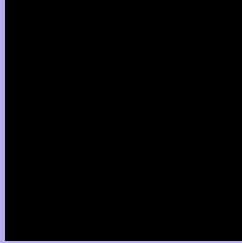
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11906033 Background



This preview shows how black text looks on a background with the Decimal color 11906033.



This preview shows how white text looks on a background with the Decimal color 11906033.

# 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](#).

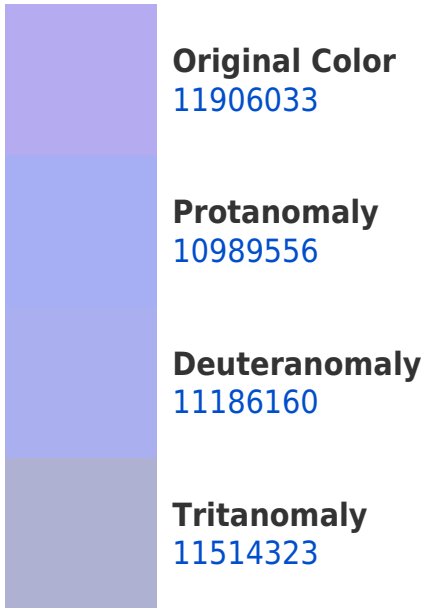
## Dichromacy



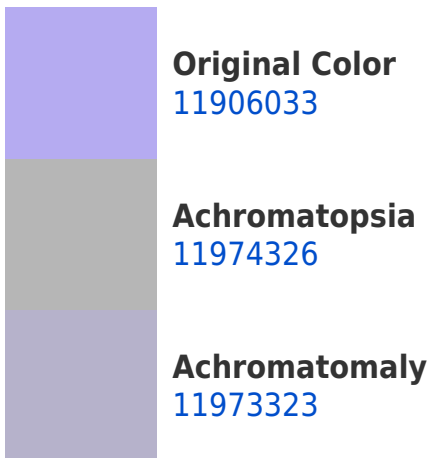


**Tritanopia**  
11318466

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11906033 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 #B5ABF1 looks like.

```
.text, #text, p{  
  color:#B5ABF1  
}
```

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 #B5ABF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5ABF1
}
```

## Border

The CSS property to change the border of an element to Decimal 11906033 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
#B5ABF1 }
```

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

```
.border{ border-color:#B5ABF1 }
```

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

Here you see how a box with a 4 pixel #B5ABF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5ABF1; -webkit-box-shadow:4px 4px  
4px 4px #B5ABF1; box-shadow:4px 4px 4px  
4px #B5ABF1 }
```

# Background

The CSS property to change the background color of an element to Decimal 11906033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5ABF1 }
```

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

```
.background{ background-color:#B5ABF1 }
```

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