

Converting Colors

Decimal(11905006)

Have a look what the booklet for
Decimal(11905006) contains.

Decimal(11905006)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(11905006)

Conversions

Conversions Part 1

Format	Color
Hex	B5A7EE
RGB	181, 167, 238
RGB Percent	71%, 65%, 93%
CMY	0.2902, 0.3451, 0.0667
CMYK	0.24, 0.30, 0.00, 0.07
HSL	252°, 68%, 79%
HSV	252°, 30%, 93%
XYZ	48.3074, 43.6342, 86.7651
YIQ	179.2800, -14.4470, 25.0490

Conversions

Conversions Part 2

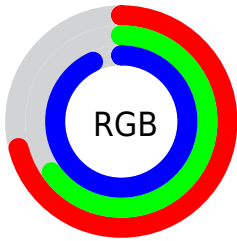
Format	Color
R _Y B	181, 167, 238
Decimal	11905006
CIE Lab	71.98, 19.78, -33.73
CIE LCh	72, 39.099, 300.394
Yxy	43.6342, 0.2703, 0.2442
Android (android.graphics.Color)	4290095086 (0xFFB5A7EE)
YUV	179.2800, 28.9490, 1.5084
Hunter-Lab	66.0562, 14.9400, -31.6383

Details

The Decimal color **11905006** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **14741159**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **15654655**, and **8352694** is the 20% darker color. If you saturate the color by 10%, you get **10653678**, and if you desaturate by 10%, it is **13156334**.

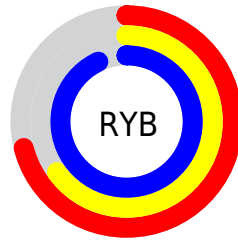
Distribution



Red (71%)

Green (65%)

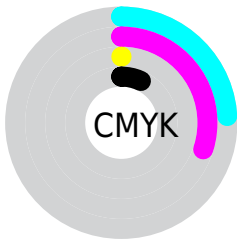
Blue (93%)



Red (71%)

Yellow (65%)

Blue (93%)

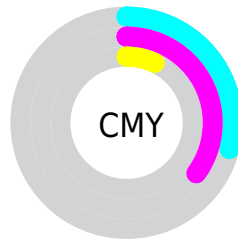


Cyan (24%)

Magenta (30%)

Yellow (0%)

Black (7%)



Cyan (29%)

Magenta (35%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11905006 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 11905006 by changing the saturation by 10% instead.

■ 11905006

■ 11905006

16777215

■ 10128850

■ 15654655

■ 8352694

■ 16776191

■ 6642331

■ 4932481

■ 3288423

■ 1579087

■ 131128

■ 545

■ 6

■ 11905006

■ 11905006

■ 10653678

■ 13156334

■ 9402350

■ 14407662

■ 8151278

■ 15658734

■ 6899950

■ 16777198

■ 5583086

■ 4331758

■ 3080430

Harmonies

Analogous

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



8238327



11905006



14588884

Triad

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



11905006



14983795



4637616

Complementary

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



11905006



14741159

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.



7848076



11905006



13086312

Square

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



11905006



16029838



10664306



771027

Rectangle

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



11905006



15636157



10664306



5751715

Sweetspot

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



11905006



15591679



11002350



7631232



0



8421504

Same Dimension

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



11905006



11903999



14198766



7236728



2359480



720952

Inverse Universe

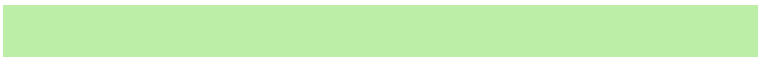
The Inverse Universe completely reimagines the original color for something new.



15640544



16753645



12447399



7892085



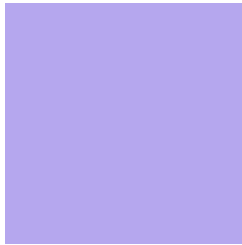
12058771



3670061

Previews

White Background



This preview shows how the Decimal color 11905006 looks on a white background.

Color Contrast Check

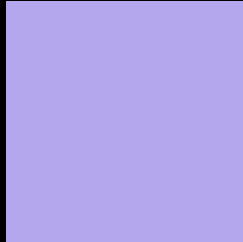
Large Text (above 18pt) WCAG AA × Fail

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 11905006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

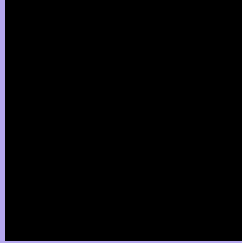
Any Text WCAG AA ✓ Pass

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 11905006 Background



This preview shows how black text looks on a background with the Decimal color 11905006.



This preview shows how white text looks on a background with the Decimal color 11905006.

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](#).

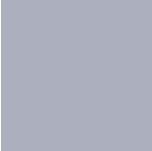
Dichromacy



Original Color
11905006

Protanopia
10268403

Deuteranopia
10530541



Tritanopia
11317438

Trichromacy



Original Color
11905006

Protanomaly
10857457

Deuteranomaly
11054061

Tritanomaly
11513295

Monochromacy



Original Color
11905006

Achromatopsia
11776947

Achromatomaly
11841480

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11905006 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 #B5A7EE looks like.

```
.text, #text, p{  
    color:#B5A7EE  
}
```

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 #B5A7EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5A7EE
}
```

Border

The CSS property to change the border of an element to Decimal 11905006 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
#B5A7EE }
```

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

```
.border{ border-color:#B5A7EE }
```

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

Here you see how a box with a 4 pixel #B5A7EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5A7EE; -webkit-box-shadow:4px 4px  
4px 4px #B5A7EE; box-shadow:4px 4px 4px  
4px #B5A7EE }
```

Background

The CSS property to change the background color of an element to Decimal 11905006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5A7EE }
```

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

```
.background{ background-color:#B5A7EE }
```

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