

# Converting Colors

Decimal(11870685)

Have a look what the booklet for  
Decimal(11870685) contains.

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**Color**

**Decimal(11870685)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B521DD
RGB	181, 33, 221
RGB Percent	71%, 13%, 87%
CMY	0.2902, 0.8706, 0.1333
CMYK	0.18, 0.85, 0.00, 0.13
HSL	287°, 74%, 50%
HSV	287°, 85%, 87%
XYZ	32.6511, 16.1319, 69.7995
YIQ	98.6840, 27.8600, 89.8440

# Conversions

## Conversions Part 2

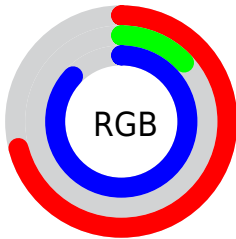
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 33, 221
Decimal	11870685
CIELab	47.15, 77.99, -63.57
CIELCh	47, 100.621, 320.815
Yxy	16.1319, 0.2753, 0.1360
Android (android.graphics.Color)	4290060765 (0xFFB521DD)
YUV	98.6840, 60.3018, 72.1911
Hunter-Lab	40.1646, 74.8203, -74.9212

# Details

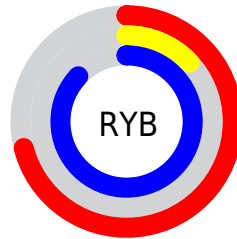
The Decimal color **11870685** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **4840737**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **15820031**, and **7995557** is the 20% darker color. If you saturate the color by 10%, you get **11537373**, and if you desaturate by 10%, it is **12203997**.

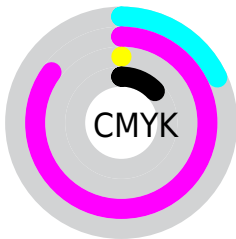
# Distribution



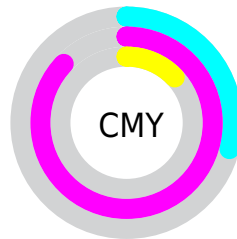
- Red (71%)
- Green (13%)
- Blue (87%)



- Red (71%)
- Yellow (13%)
- Blue (87%)



- Cyan (18%)
- Magenta (85%)
- Yellow (0%)
- Black (13%)





















- Cyan (29%)
- Magenta (87%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11870685 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 11870685 by changing the saturation by 10% instead.



 11870685	 11870685
 16777215	 9961665
 15820031	 7995557
 16745215	 6094986
 16752639	 4194415
 16760063	 2293846
 16767743	 62
 16775423	 807
	 272
	 0

■ 11870685

■ 11870685

■ 11537373

■ 12203997

■ 11403485

■ 12471773

■ 12805085

■ 13138397

■ 13471965

■ 13739741

■ 14073053

■ 14406365

■ 14674141

# Harmonies

## Analogous

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



26623



11870685



15794318

# Triad

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



11870685



10380288



37035

# Complementary

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



11870685



4840737

# 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.



36434



11870685



5209344

# Square

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



11870685



14166784



35072



36597

# Rectangle

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



11870685



16449622



35072



36750



# Sweetspot

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



11870685



15842815



2181853



7821440



0



8421504



# Same Dimension

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



11870685



13172991



14492072



7037806



8978605



2359342



# Inverse Universe

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



14491977



16711734



2219350



7234405



11337765



3014666



# Previews

## White Background



This preview shows how the Decimal color 11870685 looks on a white background.

## Color Contrast Check

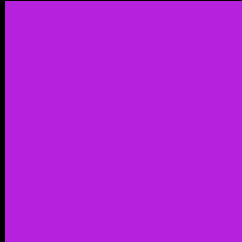
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 11870685 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

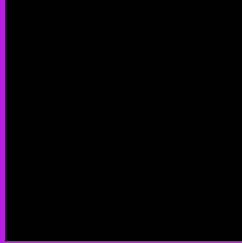
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 11870685 Background



This preview shows how black text looks on a background with the Decimal color 11870685.

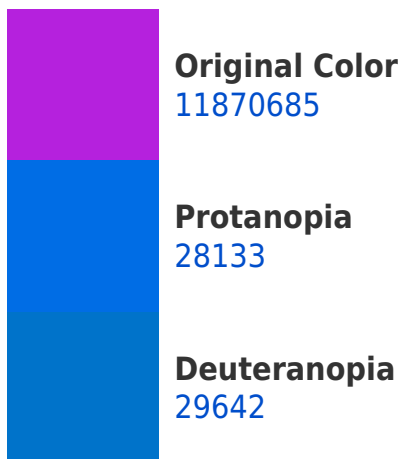


This preview shows how white text looks on a background with the Decimal color 11870685.

# 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](#).

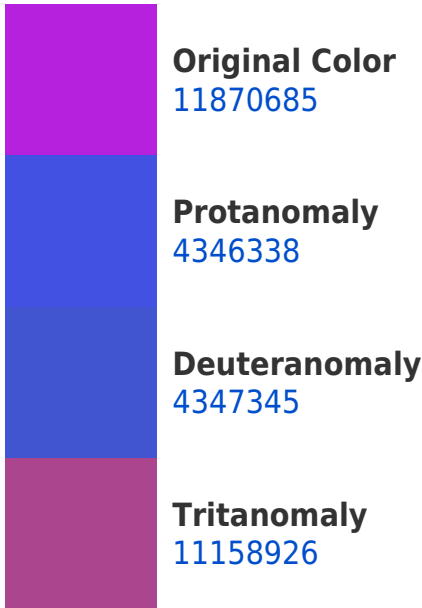
## Dichromacy



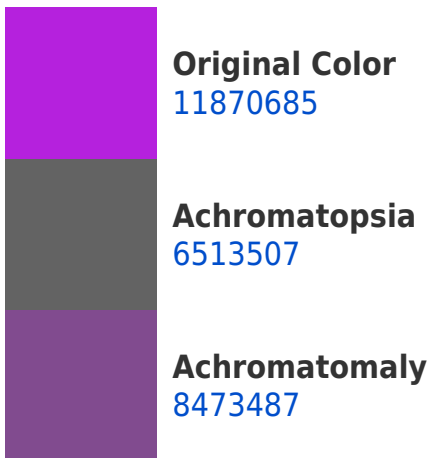


**Tritanopia**  
10771041

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11870685 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 #B521DD looks like.

```
.text, #text, p{  
    color:#B521DD  
}
```

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 #B521DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B521DD
}
```

## Border

The CSS property to change the border of an element to Decimal 11870685 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".

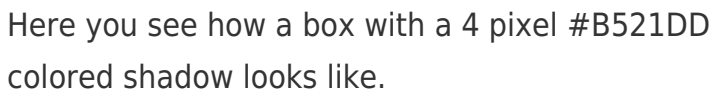
```
.border, #border, table{ border:4px solid
#B521DD }
```

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

```
.border{ border-color:#B521DD }
```

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

Here you see how a box with a 4 pixel #B521DD colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B521DD; -webkit-box-shadow:4px 4px  
4px 4px #B521DD; box-shadow:4px 4px 4px  
4px #B521DD }
```

# Background

The CSS property to change the background color of an element to Decimal 11870685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B521DD }
```

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

```
.background{ background-color:#B521DD }
```

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](#).



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