

# Converting Colors

Decimal(11701981)

Have a look what the booklet for  
Decimal(11701981) contains.

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# **Color**

**Decimal(11701981)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B28EDD
RGB	178, 142, 221
RGB Percent	70%, 56%, 87%
CMY	0.3020, 0.4431, 0.1333
CMYK	0.19, 0.36, 0.00, 0.13
HSL	267°, 54%, 71%
HSV	267°, 36%, 87%
XYZ	41.0842, 34.0314, 72.8100
YIQ	161.7700, -3.9030, 32.2010

# Conversions

## Conversions Part 2

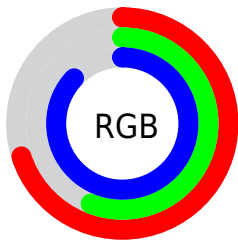
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">178, 142, 221</a>
Decimal	<a href="#">11701981</a>
CIELab	<a href="#">64.99, 28.97, -35.26</a>
CIELCh	<a href="#">65, 45.632, 309.403</a>
Yxy	<a href="#">34.0314, 0.2777, 0.2301</a>
Android (android.graphics.Color)	<a href="#">4289892061 (0xFFB28EDD)</a>
YUV	<a href="#">161.7700, 29.2004, 14.2337</a>
Hunter-Lab	<a href="#">58.3365, 23.6222, -33.1645</a>

# Details

The Decimal color **11701981** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **12180878**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **15451391**, and **8149926** is the 20% darker color. If you saturate the color by 10%, you get **10909917**, and if you desaturate by 10%, it is **12494045**.

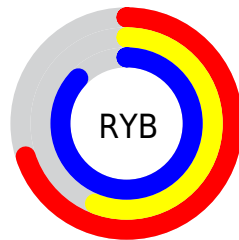
# Distribution



Red (70%)

Green (56%)

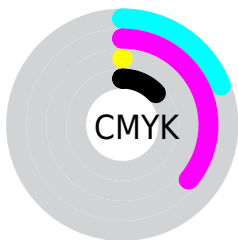
Blue (87%)



Red (70%)

Yellow (56%)

Blue (87%)

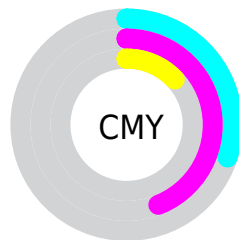


Cyan (19%)

Magenta (36%)

Yellow (0%)

Black (13%)



Cyan (30%)

Magenta (44%)
















Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11701981 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 11701981 by changing the saturation by 10% instead.



 11701981	 11701981
 16777215	 9925825
 15451391	 8149926
 16769279	 6439819
 16776703	 4795505
	 3151448
	 1507392
	 42
	 276
	 0

11701981

11701981

10909917

12494045

10117853

13286109

9325789

14078173

8533725

14870237

7741405

15662557

6949341

16449501

6619357

16777181

# Harmonies

## Analogous

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



7446254



11701981



14319803

# Triad

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



11701981



13537617



45994

# Complementary

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



11701981



12180878

# 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.



4501888



11701981



11182154

# Square

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



11701981



15041388



8301148



45520

# Rectangle

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



11701981



15236256



8301148



45723



# Sweetspot

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



11701981



15787007



9353693



7761792



0



8421504



# Same Dimension

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



11701981



12816895



14257885



6841198



5177517



1376302



# Inverse Universe

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



14519993



16749005



9624974



7234409



11337822

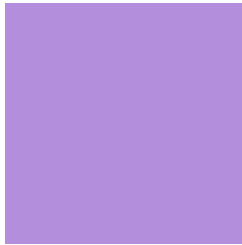


3014681



# Previews

## White Background



This preview shows how the Decimal color 11701981 looks on a white background.

## Color Contrast Check

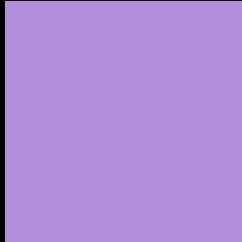
Large Text (above 18pt) WCAG AA × Fail

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 11701981 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

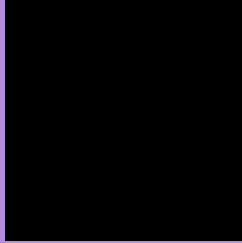
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11701981 Background



This preview shows how black text looks on a background with the Decimal color 11701981.



This preview shows how white text looks on a background with the Decimal color 11701981.

# 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



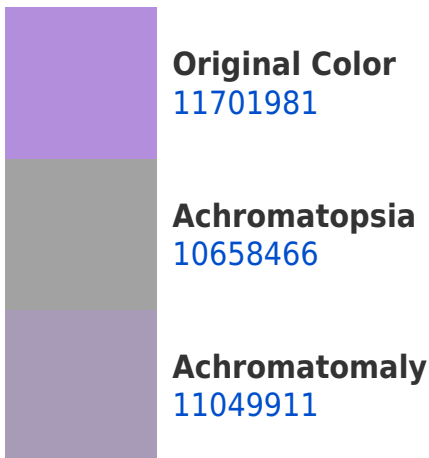


**Tritanopia**  
11114917

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11701981 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 #B28EDD looks like.

```
.text, #text, p{  
    color:#B28EDD  
}
```

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 #B28EDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B28EDD
}
```

## Border

The CSS property to change the border of an element to Decimal 11701981 is called "border". The border property can be set on classes, ids or directly on the HTML element.

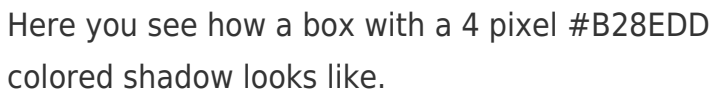
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B28EDD }
```

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

```
.border{ border-color:#B28EDD }
```

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



Here you see how a box with a 4 pixel #B28EDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B28EDD; -webkit-box-shadow:4px 4px  
4px 4px #B28EDD; box-shadow:4px 4px 4px  
4px #B28EDD }
```

# Background

The CSS property to change the background color of an element to Decimal 11701981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B28EDD }
```

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

```
.background{ background-color:#B28EDD }
```

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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