

# Converting Colors

Decimal(11829484)

Have a look what the booklet for  
Decimal(11829484) contains.

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# Color

**Decimal(11829484)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B480EC
RGB	180, 128, 236
RGB Percent	71%, 50%, 93%
CMY	0.2941, 0.4980, 0.0745
CMYK	0.24, 0.46, 0.00, 0.07
HSL	269°, 74%, 71%
HSV	269°, 46%, 93%
XYZ	41.6819, 31.1978, 83.1818
YIQ	155.8600, -3.6760, 44.6120

# Conversions

## Conversions Part 2

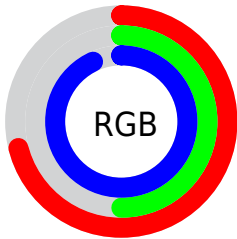
Format	Color
<a href="#">RYB</a>	<a href="#">180, 128, 236</a>
Decimal	<a href="#">11829484</a>
CIELab	<a href="#">62.67, 40.76, -47.19</a>
CIELCh	<a href="#">63, 62.354, 310.821</a>
Yxy	<a href="#">31.1978, 0.2671, 0.1999</a>
Android (android.graphics.Color)	<a href="#">4290019564 (0xFFB480EC)</a>
YUV	<a href="#">155.8600, 39.5090, 21.1708</a>
Hunter-Lab	<a href="#">55.8550, 35.4598, -49.1989</a>

# Details

The Decimal color **11829484** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **12119168**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **15644415**, and **8211892** is the 20% darker color. If you saturate the color by 10%, you get **11036908**, and if you desaturate by 10%, it is **12622060**.

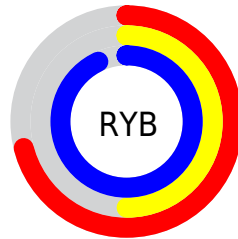
# Distribution



Red (71%)

Green (50%)

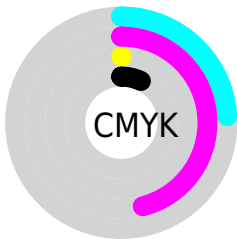
Blue (93%)



Red (71%)

Yellow (50%)

Blue (93%)

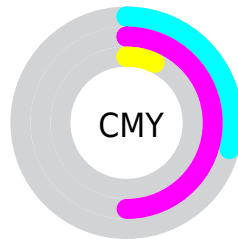


Cyan (24%)

Magenta (46%)

Yellow (0%)

Black (7%)



Cyan (29%)

Magenta (50%)















Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11829484 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 11829484 by changing the saturation by 10% instead.



 11829484	 11829484
16777215	 9987791
 15644415	 8211892
 16765695	 6436248
 16772863	 4660606
	 2884196
	 1114188
	 52
	 542
	 0

■ 11829484

■ 11829484

■ 11036908

■ 12622060

■ 10244588

■ 13414380

■ 9386476

■ 14272492

■ 8594156

■ 15064812

■ 7801580

■ 15857388

■ 7471340

■ 16646124

■ 16777196

# Harmonies

## Analogous

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



4823039



11829484



15296957

# Triad

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



11829484



13731880



45739

# Complementary

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



11829484



12119168

# 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.



45169



11829484



10591002

# Square

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



11829484



15823186



6596669



45279

# Rectangle

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



11829484



16343704



6596669



45719



# Sweetspot

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



11829484



15522815



8436460



7629440



0



8421504



# Same Dimension

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



11829484



11957247



15237356



7301749



5701813



1703990



# Inverse Universe

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



15499448



16741307



8711296



7694960



11862110

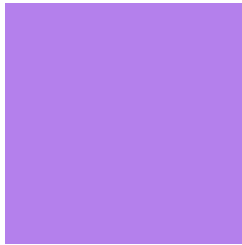


3538972



# Previews

## White Background



This preview shows how the Decimal color 11829484 looks on a white background.

## Color Contrast Check

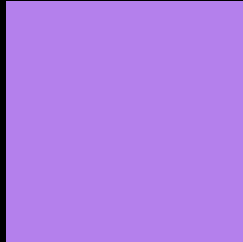
Large Text (above 18pt) WCAG AA × Fail

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 11829484 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

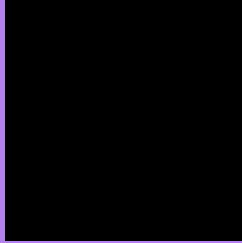
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11829484 Background



This preview shows how black text looks on a background with the Decimal color 11829484.

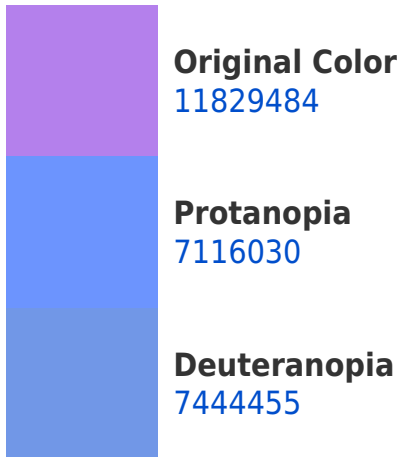


This preview shows how white text looks on a background with the Decimal color 11829484.

# 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



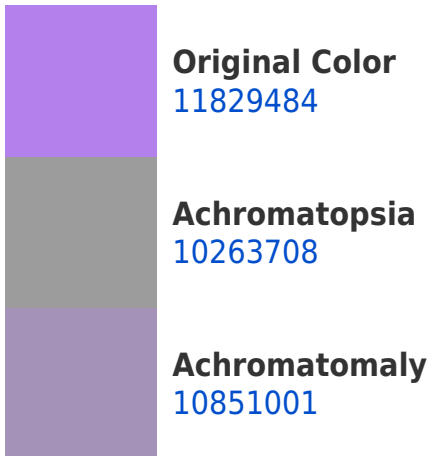


**Tritanopia**  
10916509

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11829484 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 #B480EC looks like.

```
.text, #text, p{  
    color:#B480EC  
}
```

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 #B480EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B480EC
}
```

## Border

The CSS property to change the border of an element to Decimal 11829484 is called "border". The border property can be set on classes, ids or directly on the HTML element.

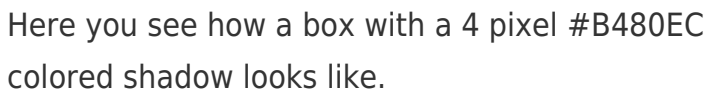
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B480EC }
```

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

```
.border{ border-color:#B480EC }
```

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



Here you see how a box with a 4 pixel #B480EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B480EC; -webkit-box-shadow:4px 4px  
4px 4px #B480EC; box-shadow:4px 4px 4px  
4px #B480EC }
```

# Background

The CSS property to change the background color of an element to Decimal 11829484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B480EC }
```

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

```
.background{ background-color:#B480EC }
```

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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