

# Converting Colors

Decimal(12492799)

Have a look what the booklet for  
Decimal(12492799) contains.

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# **Color**

**Decimal(12492799)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE9FFF
RGB	190, 159, 255
RGB Percent	75%, 62%, 100%
CMY	0.2549, 0.3765, 0.0000
CMYK	0.25, 0.38, 0.00, 0.00
HSL	259°, 100%, 81%
HSV	259°, 38%, 100%
XYZ	51.6833, 42.9634, 100.1765
YIQ	179.2130, -12.3400, 36.4280

# Conversions

## Conversions Part 2

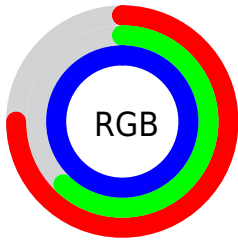
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	190, 159, 255
Decimal	12492799
CIE <sub>Lab</sub>	71.53, 30.82, -43.61
CIE <sub>LCh</sub>	72, 53.400, 305.253
Yxy	42.9634, 0.2653, 0.2205
Android (android.graphics.Color)	4290682879 (0xFFBE9FFF)
YUV	179.2130, 37.3630, 9.4602
Hunter-Lab	65.5465, 26.0407, -44.7320

# Details

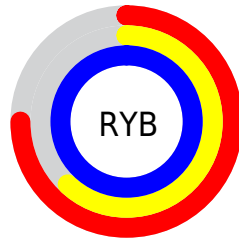
The Decimal color **12492799** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **14745503**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **16307967**, and **8874950** is the 20% darker color. If you saturate the color by 10%, you get **11372031**, and if you desaturate by 10%, it is **13613567**.

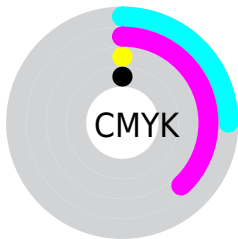
# Distribution



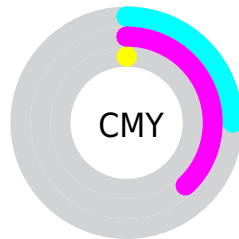
- Red (75%)
- Green (62%)
- Blue (100%)



- Red (75%)
- Yellow (62%)
- Blue (100%)



- Cyan (25%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (38%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12492799 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 12492799 by changing the saturation by 10% instead.



 12492799

 12492799

16777215

 10651106

 16307967

 8874950

 16773887

 7099306

 5323663

 3614069

 1707868

 68

 813

 279

■ 12492799

■ 12492799

■ 11372031

■ 13613567

■ 10185983

■ 14799615

■ 9065215

■ 15920383

■ 7944703

16777215

■ 6823935

■ 5637887

■ 5374207

# Harmonies

## Analogous

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



6861567



12492799



15896025

# Triad

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



12492799



15507030



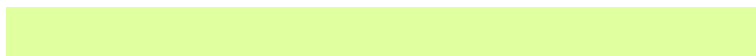
51383

# Complementary

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



12492799



14745503

# 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.



4965765



12492799



12824394

# Square

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



12492799



16747898



9485660



50918

# Rectangle

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



12492799



16746169



9485660



51110



# Sweetspot

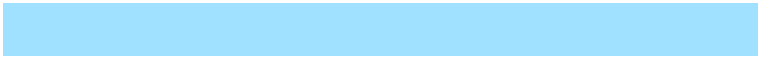
The Sweet Spot groups the original color and five complimentary colors.



12492799



15524863



10478079



7630720



0



8421504



# Same Dimension

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



12492799



11635967



15572991



7828352



4063423



1376320



# Inverse Universe

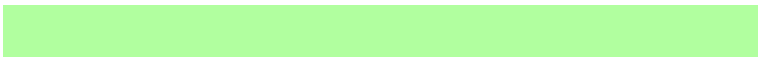
The Inverse Universe completely reimagines the original color for something new.



16752608



16747738



11665311



8418171



12517505

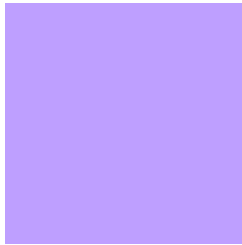


4194347



# Previews

## White Background



This preview shows how the Decimal color 12492799 looks on a white background.

## Color Contrast Check

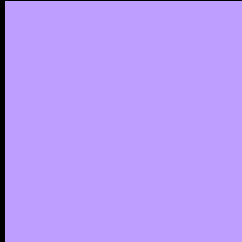
Large Text (above 18pt) WCAG AA × Fail

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 12492799 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 12492799 Background



This preview shows how black text looks on a background with the Decimal color 12492799.



This preview shows how white text looks on a background with the Decimal color 12492799.

# 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**  
11644347

# Trichromacy



**Original Color**  
12492799

**Protanomaly**  
10725631

**Deuteranomaly**  
10594813

**Tritanomaly**  
11970772

# Monochromacy



**Original Color**  
12492799

**Achromatopsia**  
11776947

**Achromatomaly**  
12037327

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12492799 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 #BE9FFF looks like.

```
.text, #text, p{  
    color:#BE9FFF  
}
```

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 #BE9FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE9FFF }  
}
```

## Border

The CSS property to change the border of an element to Decimal 12492799 is called "border". The border property can be set on classes, ids or directly on the HTML element.

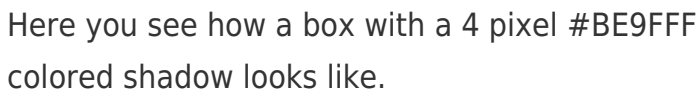
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #BE9FFF }  
}
```

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

```
.border{ border-color:#BE9FFF }
```

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



Here you see how a box with a 4 pixel `#BE9FFF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE9FFF; -webkit-box-shadow:4px 4px  
4px 4px #BE9FFF; box-shadow:4px 4px 4px  
4px #BE9FFF }
```

# Background

The CSS property to change the background color of an element to Decimal 12492799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE9FFF }
```

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

```
.background{ background-color:#BE9FFF }
```

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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