

# Converting Colors

Decimal(12490473)

Have a look what the booklet for  
Decimal(12490473) contains.

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# **Color**

**Decimal(12490473)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE96E9
RGB	190, 150, 233
RGB Percent	75%, 59%, 91%
CMY	0.2549, 0.4118, 0.0863
CMYK	0.18, 0.36, 0.00, 0.09
HSL	269°, 65%, 75%
HSV	269°, 36%, 91%
XYZ	46.8495, 38.6430, 82.0804
YIQ	171.4220, -2.8030, 34.2930

# Conversions

## Conversions Part 2

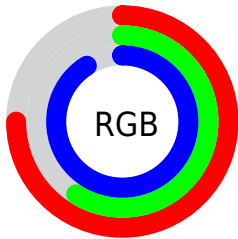
Format	Color
<a href="#">RYB</a>	<a href="#">190, 150, 233</a>
Decimal	<a href="#">12490473</a>
CIELab	<a href="#">68.49, 30.78, -36.35</a>
CIELCh	<a href="#">68, 47.626, 310.256</a>
Yxy	<a href="#">38.6430, 0.2796, 0.2306</a>
Android (android.graphics.Color)	<a href="#">4290680553 (0xFFBE96E9)</a>
YUV	<a href="#">171.4220, 30.3580, 16.2929</a>
Hunter-Lab	<a href="#">62.1635, 25.7403, -34.7718</a>

# Details

The Decimal color **12490473** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **12708246**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16240127**, and **8872881** is the 20% darker color. If you saturate the color by 10%, you get **11698153**, and if you desaturate by 10%, it is **13282793**.

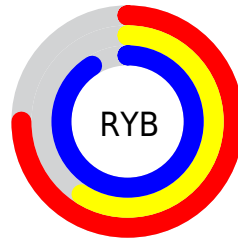
# Distribution



Red (75%)

Green (59%)

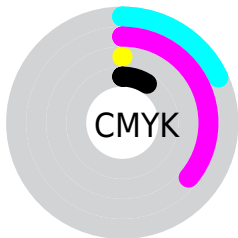
Blue (91%)



Red (75%)

Yellow (59%)

Blue (91%)

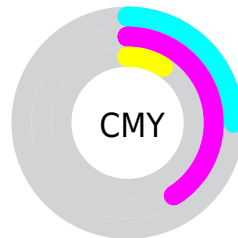


Cyan (18%)

Magenta (36%)

Yellow (0%)

Black (9%)



Cyan (25%)

Magenta (41%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12490473 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 12490473 by changing the saturation by 10% instead.



12490473

12490473

16777215

10648781

16240127

8872881

16771583

7162518

5452668

3808355

2164298

786483

541

0

12490473

12490473

11698153

13282793

10905577

14075369

10113257

14867689

9320937

15660009

8528617

16449513

7736041

16777193

7340265

# Harmonies

## Analogous

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



8103932



12490473



15239365

# Triad

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



12490473



14261078



48565

# Complementary

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



12490473



12708246

# 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.



4635528



12490473



11774287

# Square

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



12490473



15895409



8696931



48093

# Rectangle

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



12490473



16155560



8696931



48550



# Sweetspot

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



12490473



15787007



9880297



7827328



0



8421504



# Same Dimension

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



12490473



13013503



15111913



7301749



5701813



1703990



# Inverse Universe

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



15308481



16749002



10086806



7694960



11862110

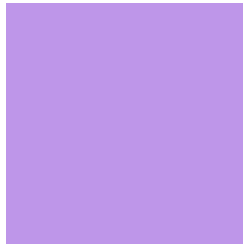


3538972



# Previews

## White Background



This preview shows how the Decimal color 12490473 looks on a white background.

## Color Contrast Check

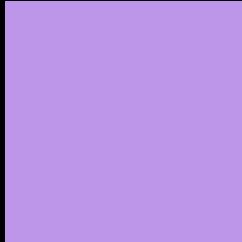
Large Text (above 18pt) WCAG AA × Fail

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 12490473 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 12490473 Background



This preview shows how black text looks on a background with the Decimal color 12490473.

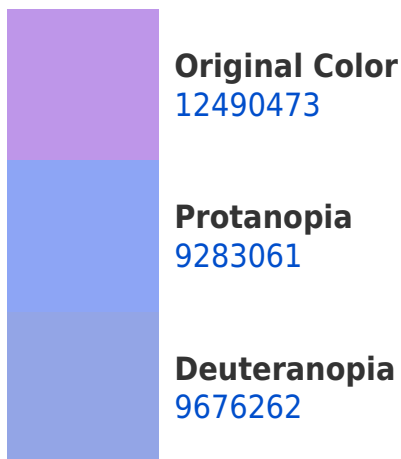



This preview shows how white text looks on a background with the Decimal color 12490473.

# 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**  
11838127

# Trichromacy



**Original Color**  
12490473

**Protanomaly**  
10461425

**Deuteranomaly**  
10723559

**Tritanomaly**  
12099268

# Monochromacy



**Original Color**  
12490473

**Achromatopsia**  
11250603

**Achromatomaly**  
11707330

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12490473 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 #BE96E9 looks like.

```
.text, #text, p{  
  color:#BE96E9  
}
```

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 #BE96E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE96E9
}
```

## Border

The CSS property to change the border of an element to Decimal 12490473 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".

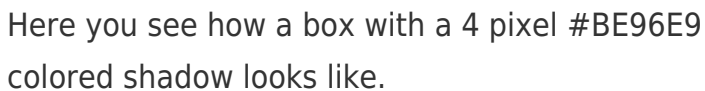
```
.border, #border, table{ border:4px solid
#BE96E9 }
```

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

```
.border{ border-color:#BE96E9 }
```

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

Here you see how a box with a 4 pixel #BE96E9 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE96E9; -webkit-box-shadow:4px 4px  
4px 4px #BE96E9; box-shadow:4px 4px 4px  
4px #BE96E9 }
```

# Background

The CSS property to change the background color of an element to Decimal 12490473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE96E9 }
```

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

```
.background{ background-color:#BE96E9 }
```

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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