

# Converting Colors

Decimal(12479992)

Have a look what the booklet for  
Decimal(12479992) contains.

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**Color**

**Decimal(12479992)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE6DF8
RGB	190, 109, 248
RGB Percent	75%, 43%, 97%
CMY	0.2549, 0.5725, 0.0275
CMYK	0.23, 0.56, 0.00, 0.03
HSL	275°, 91%, 70%
HSV	275°, 56%, 97%
XYZ	43.6471, 28.6617, 92.0387
YIQ	149.0650, 3.6570, 60.4010

# Conversions

## Conversions Part 2

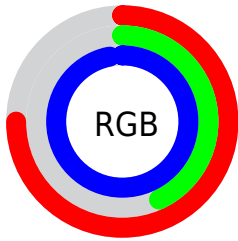
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">190, 109, 248</a>
Decimal	<a href="#">12479992</a>
CIELab	<a href="#">60.48, 56.09, -57.24</a>
CIELCh	<a href="#">60, 80.139, 314.419</a>
Yxy	<a href="#">28.6617, 0.2656, 0.1744</a>
Android (android.graphics.Color)	<a href="#">4290670072 (0xFFBE6DF8)</a>
YUV	<a href="#">149.0650, 48.7750, 35.9000</a>
Hunter-Lab	<a href="#">53.5367, 51.8375, -64.4541</a>

# Details

The Decimal color **12479992** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **11008109**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **16360447**, and **8730815** is the 20% darker color. If you saturate the color by 10%, you get **11818232**, and if you desaturate by 10%, it is **13141752**.

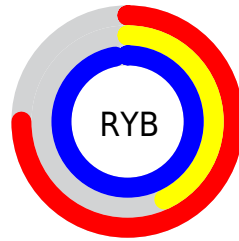
# Distribution



Red (75%)

Green (43%)

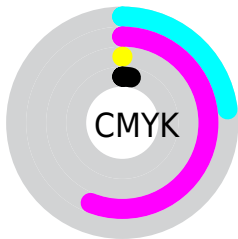
Blue (97%)



Red (75%)

Yellow (43%)

Blue (97%)

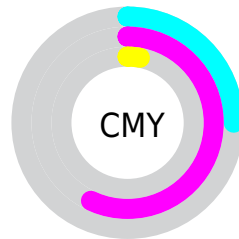


Cyan (23%)

Magenta (56%)

Yellow (0%)

Black (3%)



Cyan (25%)

Magenta (57%)
















Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12479992 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 12479992 by changing the saturation by 10% instead.



 12479992	 12479992
16777215	 10572507
 16360447	 8730815
 16760831	 6888355
 16768255	 5046408
 16775679	 3145838
	 1310805
	 61
	 550
	 271

■ 12479992

■ 12479992

■ 11818232

■ 13141752

■ 11090936

■ 13869048

■ 10429432

■ 14530552

■ 9767672

■ 15192312

■ 9502968

■ 15919608

■ 16580600

■ 16777208

# Harmonies

## Analogous

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



36863



12479992



16533178

# Triad

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



12479992



13533440



45491

# Complementary

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



12479992



11008109

# 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.



44905



12479992



9476352

# Square

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



12479992



16408367



3516441



45044

# Rectangle

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



12479992



16726667



3516441



45467



# Sweetspot

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



12479992



15586559



7186936



7693952



0



8421504



# Same Dimension

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



12479992



12080383



16281071



7893117



7209149



2359357



# Inverse Universe

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



16280999



16733339



7207030



8220790



12386383

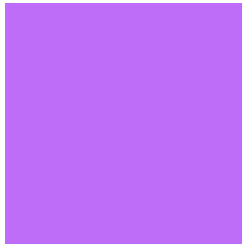


3997722



# Previews

## White Background



This preview shows how the Decimal color 12479992 looks on a white background.

## Color Contrast Check

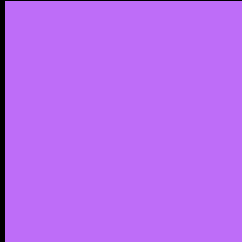
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 12479992 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 × Fail

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



## Decimal 12479992 Background



This preview shows how black text looks on a background with the Decimal color 12479992.

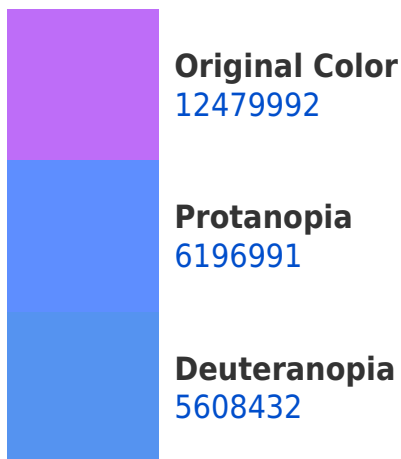



This preview shows how white text looks on a background with the Decimal color 12479992.

# 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**  
11372690

# Trichromacy



**Original Color**  
12479992



**Protanomaly**  
8487676



**Deuteranomaly**  
8095219



**Tritanomaly**  
11763383

# Monochromacy



**Original Color**  
12479992



**Achromatopsia**  
9803157



**Achromatomaly**  
10782393

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12479992 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 #BE6DF8 looks like.

```
.text, #text, p{  
    color:#BE6DF8  
}
```

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 #BE6DF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE6DF8
}
```

## Border

The CSS property to change the border of an element to Decimal 12479992 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
#BE6DF8 }
```

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

```
.border{ border-color:#BE6DF8 }
```

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

Here you see how a box with a 4 pixel #BE6DF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE6DF8; -webkit-box-shadow:4px 4px  
4px 4px #BE6DF8; box-shadow:4px 4px 4px  
4px #BE6DF8 }
```

# Background

The CSS property to change the background color of an element to Decimal 12479992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE6DF8 }
```

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

```
.background{ background-color:#BE6DF8 }
```

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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