

# Converting Colors

Decimal(12459000)

Have a look what the booklet for  
Decimal(12459000) contains.

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# Color

**Decimal(12459000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE1BF8
RGB	190, 27, 248
RGB Percent	75%, 11%, 97%
CMY	0.2549, 0.8941, 0.0275
CMYK	0.23, 0.89, 0.00, 0.03
HSL	284°, 94%, 54%
HSV	284°, 89%, 97%
XYZ	38.5704, 18.5083, 90.3465
YIQ	100.9310, 26.2070, 103.2870

# Conversions

## Conversions Part 2

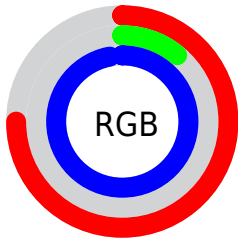
Format	Color
R <sub>Y</sub> B	190, 27, 248
Decimal	12459000
CIE Lab	50.11, 85.23, -73.96
CIE LCh	50, 112.848, 319.050
Yxy	18.5083, 0.2616, 0.1255
Android (android.graphics.Color)	4290649080 (0xFFBE1BF8)
YUV	100.9310, 72.5050, 78.1135
Hunter-Lab	43.0213, 84.7455, -94.3965

# Details

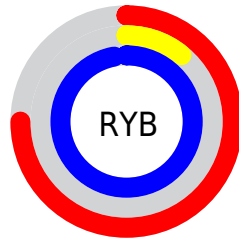
The Decimal color **12459000** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **5634075**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **16475647**, and **8519870** is the 20% darker color. If you saturate the color by 10%, you get **11993848**, and if you desaturate by 10%, it is **12924152**.

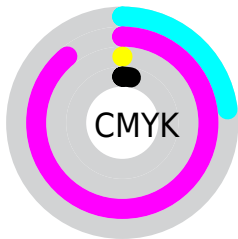
# Distribution



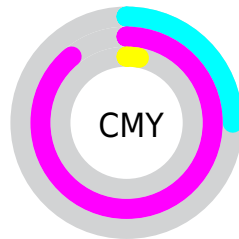
- Red (75%)
- Green (11%)
- Blue (97%)



- Red (75%)
- Yellow (11%)
- Blue (97%)



- Cyan (23%)
- Magenta (89%)
- Yellow (0%)
- Black (3%)



- Cyan (25%)
- Magenta (89%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12459000 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 12459000 by changing the saturation by 10% instead.



 12459000

 12459000

16777215

 10485979

 16475647

 8519870

 16745471

 6553762

 16753151

 4522119

 16760575

 2490477

 16768255

 83

 16776191

 1595

 548

 12

■ 12459000

■ 12459000

■ 11993848

■ 12924152

■ 11993336

■ 13323768

■ 13788664

■ 14188280

■ 14653432

■ 15053048

■ 15518200

■ 15917560

■ 16382712

# Harmonies

## Analogous

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



28927



12459000



16711839

# Triad

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



12459000



11429632



39604

# Complementary

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



12459000



5634075

# 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.



38991



12459000



5604608

# Square

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



12459000



15602432



37376



39679

# Rectangle

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



12459000



16711776



37376



39571



# Sweetspot

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



12459000



15579903



1791736



7690112



0



8421504



# Same Dimension

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



12459000



12321023



16260036



8024189



9109693



2949181



# Inverse Universe

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



16259925



16711747



1833039



8220788



12386354



3997712



# Previews

## White Background



This preview shows how the Decimal color 12459000 looks on a white background.

## Color Contrast Check

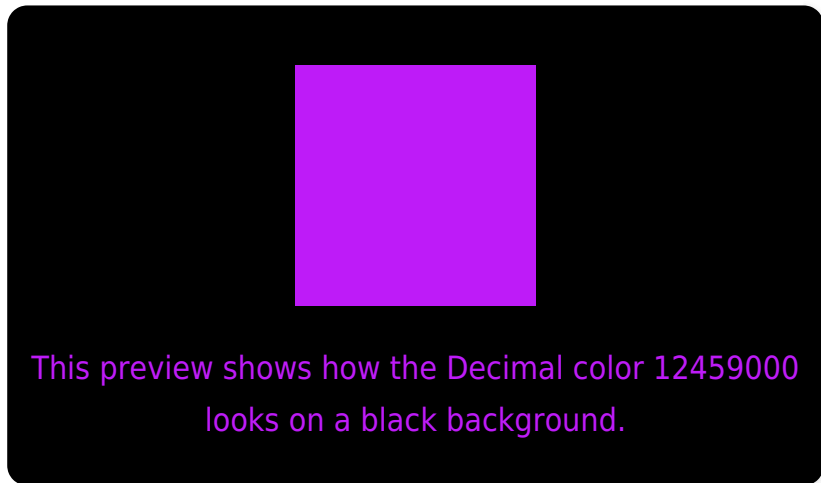
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

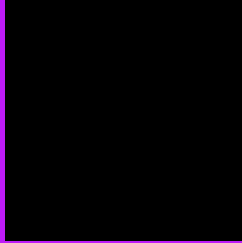
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12459000 Background



This preview shows how black text looks on a background with the Decimal color 12459000.

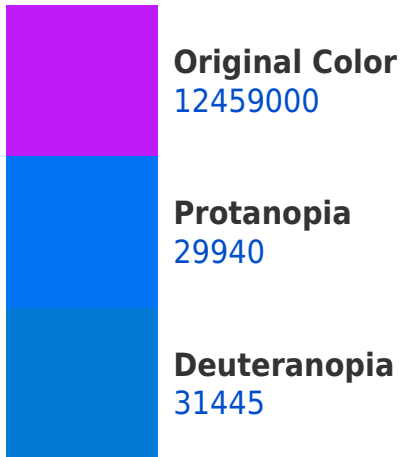


This preview shows how white text looks on a background with the Decimal color 12459000.

# 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](#).

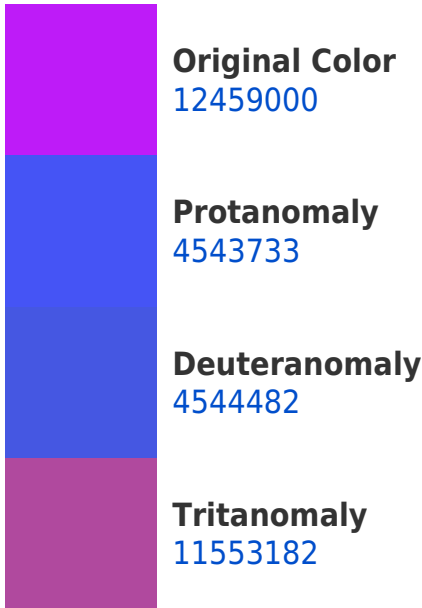
## Dichromacy



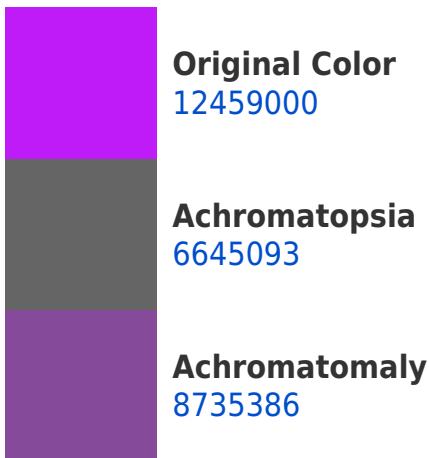


**Tritanopia**  
11035499

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12459000 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 #BE1BF8 looks like.

```
.text, #text, p{  
    color:#BE1BF8  
}
```

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 #BE1BF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE1BF8
}
```

## Border

The CSS property to change the border of an element to Decimal 12459000 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
#BE1BF8 }
```

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

```
.border{ border-color:#BE1BF8 }
```

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

Here you see how a box with a 4 pixel #BE1BF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE1BF8; -webkit-box-shadow:4px 4px  
4px 4px #BE1BF8; box-shadow:4px 4px 4px  
4px #BE1BF8 }
```

# Background

The CSS property to change the background color of an element to Decimal 12459000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE1BF8 }
```

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

```
.background{ background-color:#BE1BF8 }
```

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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