

# Converting Colors

Decimal(12149233)

Have a look what the booklet for  
Decimal(12149233) contains.

<b>Decimal(12149233)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(12149233)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B961F1
RGB	185, 97, 241
RGB Percent	73%, 38%, 95%
CMY	0.2745, 0.6196, 0.0549
CMYK	0.23, 0.60, 0.00, 0.05
HSL	277°, 84%, 66%
HSV	277°, 60%, 95%
XYZ	40.1595, 25.2145, 85.9693
YIQ	139.7280, 6.2240, 63.4400

# Conversions

## Conversions Part 2

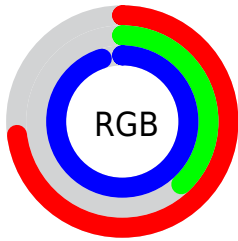
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	185, 97, 241
Decimal	12149233
CIE Lab	57.28, 59.31, -58.50
CIE LCh	57, 83.309, 315.395
Yxy	25.2145, 0.2654, 0.1666
Android (android.graphics.Color)	4290339313 (0xFFB961F1)
YUV	139.7280, 49.9271, 39.7035
Hunter-Lab	50.2141, 54.8834, -66.3579

# Details

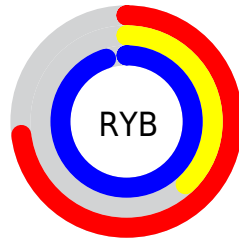
The Decimal color **12149233** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **10088801**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **16029695**, and **8399544** is the 20% darker color. If you saturate the color by 10%, you get **11553265**, and if you desaturate by 10%, it is **12745201**.

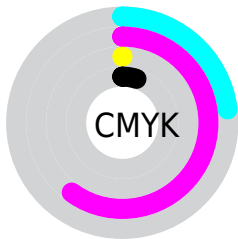
# Distribution



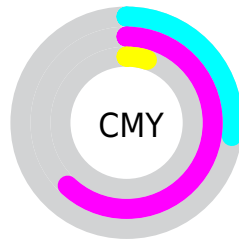
- Red (73%)
- Green (38%)
- Blue (95%)



- Red (73%)
- Yellow (38%)
- Blue (95%)



- Cyan (23%)
- Magenta (60%)
- Yellow (0%)
- Black (5%)




- Cyan (27%)
- Magenta (62%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12149233 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 12149233 by changing the saturation by 10% instead.



 12149233

 12149233

16777215

 10241748

 16029695

 8399544

 16757759

 6554781

 16765183

 4653186

 16772607

 2752616

 524367

 311

 545

 5

■ 12149233

■ 12149233

■ 11553265

■ 12745201

■ 10891761

■ 13406705

■ 10295793

■ 14002673

■ 9699825

■ 14598641

■ 9634033

■ 15260145

■ 15856369

■ 16515057

■ 16777201

# Harmonies

## Analogous

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



34559



12149233



16200368

# Triad

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



12149233



12810496



43438

# Complementary

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



12149233



10088801

# 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.



42594



12149233



8688128

# Square

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



12149233



15881248



1417218



42737

# Rectangle

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



12149233



16720256



1417218



43157



# Sweetspot

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



12149233



15585791



6396913



7693184



0



8421504



# Same Dimension

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



12149233



12077055



15819235



7564408



7340216



2228280



# Inverse Universe

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



15819161



16729999



6418799



7892081



12058695

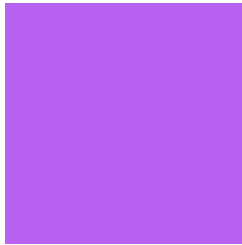


3670038



# Previews

## White Background



This preview shows how the Decimal color 12149233 looks on a white background.

## Color Contrast Check

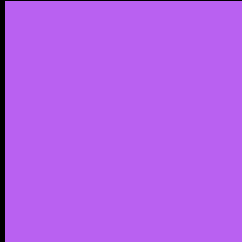
Large Text (above 18pt) WCAG AA ✓ Pass

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 12149233 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

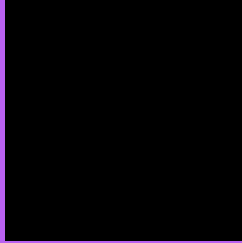
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12149233 Background



This preview shows how black text looks on a background with the Decimal color 12149233.



This preview shows how white text looks on a background with the Decimal color 12149233.

# 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**  
11042440

# Trichromacy



**Original Color**  
12149233



**Protanomaly**  
7502330



**Deuteranomaly**  
7372012



**Tritanomaly**  
11432878

# Monochromacy



**Original Color**  
12149233



**Achromatopsia**  
9211020



**Achromatomaly**  
10255537

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12149233 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 #B961F1 looks like.

```
.text, #text, p{  
    color:#B961F1  
}
```

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 #B961F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B961F1
}
```

## Border

The CSS property to change the border of an element to Decimal 12149233 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
#B961F1 }
```

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

```
.border{ border-color:#B961F1 }
```

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

Here you see how a box with a 4 pixel #B961F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B961F1; -webkit-box-shadow:4px 4px  
4px 4px #B961F1; box-shadow:4px 4px 4px  
4px #B961F1 }
```

# Background

The CSS property to change the background color of an element to Decimal 12149233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B961F1 }
```

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

```
.background{ background-color:#B961F1 }
```

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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