

# Converting Colors

Decimal(12297469)

Have a look what the booklet for  
Decimal(12297469) contains.

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# **Color**

**Decimal(12297469)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBA4FD
RGB	187, 164, 253
RGB Percent	73%, 64%, 99%
CMY	0.2667, 0.3569, 0.0078
CMYK	0.26, 0.35, 0.00, 0.01
HSL	256°, 96%, 82%
HSV	256°, 35%, 99%
XYZ	51.4986, 44.2076, 98.7471
YIQ	181.0230, -14.8610, 32.5550

# Conversions

## Conversions Part 2

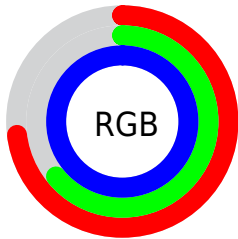
Format	Color
<a href="#">RYB</a>	<a href="#">187, 164, 253</a>
Decimal	<a href="#">12297469</a>
CIELab	<a href="#">72.37, 26.73, -41.23</a>
CIELCh	<a href="#">72, 49.139, 302.951</a>
Yxy	<a href="#">44.2076, 0.2648, 0.2273</a>
Android (android.graphics.Color)	<a href="#">4290487549 (0xFFBBA4FD)</a>
YUV	<a href="#">181.0230, 35.4847, 5.2418</a>
Hunter-Lab	<a href="#">66.4888, 21.9011, -41.5136</a>

# Details

The Decimal color **12297469** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **15138212**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **16112639**, and **8679620** is the 20% darker color. If you saturate the color by 10%, you get **11045885**, and if you desaturate by 10%, it is **13549053**.

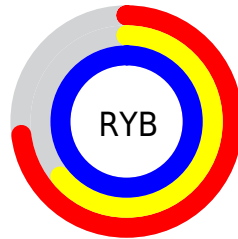
# Distribution



Red (73%)

Green (64%)

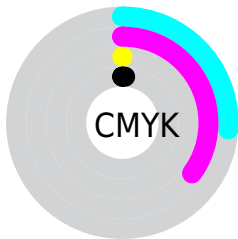
Blue (99%)



Red (73%)

Yellow (64%)

Blue (99%)

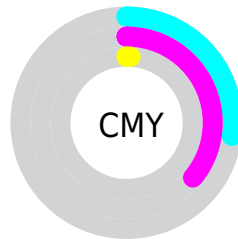


Cyan (26%)

Magenta (35%)

Yellow (0%)

Black (1%)



Cyan (27%)

Magenta (36%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12297469 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 12297469 by changing the saturation by 10% instead.



 12297469

 12297469

16777215

 10455776

 16112639

 8679620

 16775423

 6903720

 5193870

 3484020

 1578075

 67

 812

 278

■ 12297469

■ 12297469

■ 11045885

■ 13549053

■ 9794045

■ 14800893

■ 8607997

■ 15986941

■ 7356413

16777213

■ 6104829

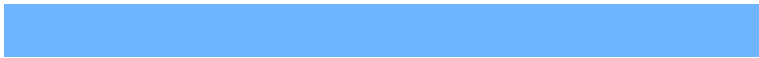
■ 4852989

■ 4260093

# Harmonies

## Analogous

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



7255551



12297469



15570139

# Triad

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



12297469



15573090



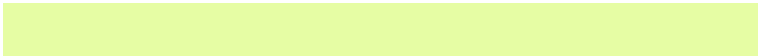
51637

# Complementary

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



12297469



15138212

# 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.



6276487



12297469



13152341

# Square

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



12297469



16749187



10141027



51169

# Rectangle

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



12297469



16747966



10141027



1755301



# Sweetspot

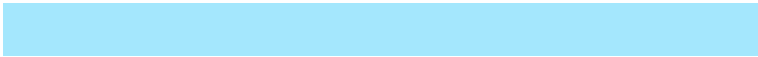
The Sweet Spot groups the original color and five complimentary colors.



12297469



15393791



10807293



7565184



0



8421504



# Same Dimension

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



12297469



11572479



15181053



7762816



3211455



1048640



# Inverse Universe

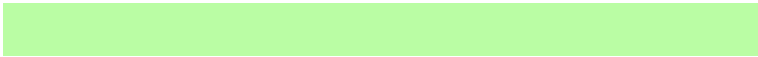
The Inverse Universe completely reimagines the original color for something new.



16622822



16749795



12254628



8418172



12517518



4194351



# Previews

## White Background



This preview shows how the Decimal color 12297469 looks on a white background.

## Color Contrast Check

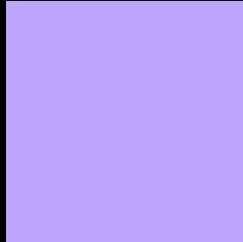
Large Text (above 18pt) WCAG AA × Fail

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 12297469 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 12297469 Background



This preview shows how black text looks on a background with the Decimal color 12297469.




This preview shows how white text looks on a background with the Decimal color 12297469.

# 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**  
11514303

# Trichromacy



**Original Color**  
12297469

**Protanomaly**  
10791934

**Deuteranomaly**  
10792188

**Tritanomaly**  
11775190

# Monochromacy



**Original Color**  
12297469

**Achromatopsia**  
11908533

**Achromatomaly**  
12038095

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12297469 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 #BBA4FD looks like.

```
.text, #text, p{  
    color:#BBA4FD  
}
```

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 #BBA4FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBA4FD
}
```

## Border

The CSS property to change the border of an element to Decimal 12297469 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
#BBA4FD }
```

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

```
.border{ border-color:#BBA4FD }
```

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

Here you see how a box with a 4 pixel #BBA4FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBA4FD; -webkit-box-shadow:4px 4px  
4px 4px #BBA4FD; box-shadow:4px 4px 4px  
4px #BBA4FD }
```

# Background

The CSS property to change the background color of an element to Decimal 12297469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBA4FD }
```

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

```
.background{ background-color:#BBA4FD }
```

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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