

# Converting Colors

Decimal(12226297)

Have a look what the booklet for  
Decimal(12226297) contains.

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# **Color**

**Decimal(12226297)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA8EF9
RGB	186, 142, 249
RGB Percent	73%, 56%, 98%
CMY	0.2706, 0.4431, 0.0235
CMYK	0.25, 0.43, 0.00, 0.02
HSL	265°, 90%, 77%
HSV	265°, 43%, 98%
XYZ	47.0216, 36.6247, 94.2135
YIQ	167.3540, -8.1230, 42.6050

# Conversions

## Conversions Part 2

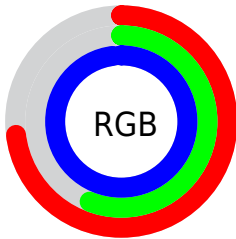
Format	Color
R <sub>Y</sub> B	186, 142, 249
Decimal	12226297
CIE Lab	66.99, 37.71, -47.49
CIE LCh	67, 60.641, 308.456
Yxy	36.6247, 0.2644, 0.2059
Android (android.graphics.Color)	4290416377 (0xFFBA8EF9)
YUV	167.3540, 40.2515, 16.3525
Hunter-Lab	60.5183, 32.7841, -49.9385

# Details

The Decimal color **12226297** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **13498766**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **16041215**, and **8543168** is the 20% darker color. If you saturate the color by 10%, you get **11236857**, and if you desaturate by 10%, it is **13215737**.

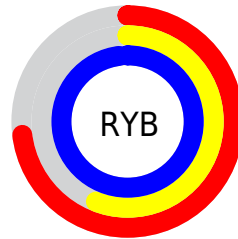
# Distribution



Red (73%)

Green (56%)

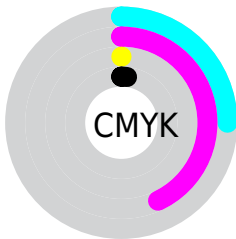
Blue (98%)



Red (73%)

Yellow (56%)

Blue (98%)

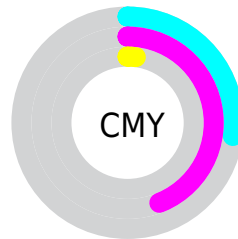


Cyan (25%)

Magenta (43%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (44%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12226297 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 12226297 by changing the saturation by 10% instead.



 12226297

 12226297

16777215

 10384604

 16041215

 8543168

 16769535

 6767268

 16776703

 4991882

 3216240

 1245271

 63

 808

 273

■ 12226297

■ 12226297

■ 11236857

■ 13215737

■ 10312953

■ 14139641

■ 9323513

■ 15129081

■ 8334073

■ 16118521

■ 7410425

■ 16777209

■ 6684921

# Harmonies

## Analogous

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



5350655



12226297



15825100

# Triad

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



12226297



14717498



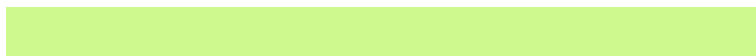
48817

# Complementary

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



12226297



13498766

# 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.



47993



12226297



11707693

# Square

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



12226297



16743778



7844680



48358

# Rectangle

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



12226297



16740776



7844680



48542



# Sweetspot

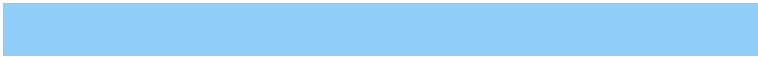
The Sweet Spot groups the original color and five complimentary colors.



12226297



15458047



9359097



7564160



0



8421504



# Same Dimension

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



12226297



11631359



15634169



7762045



5111997



1638461



# Inverse Universe

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



16355021



16743112



10090894



8220792



12386415

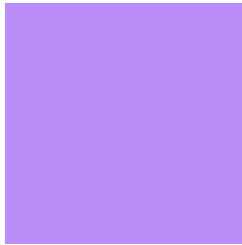


3997732



# Previews

## White Background



This preview shows how the Decimal color 12226297 looks on a white background.

## Color Contrast Check

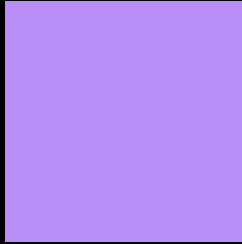
Large Text (above 18pt) WCAG AA × Fail

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 12226297 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

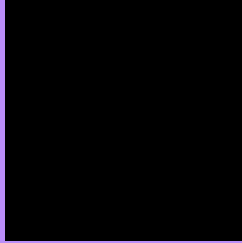
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12226297 Background



This preview shows how black text looks on a background with the Decimal color 12226297.




This preview shows how white text looks on a background with the Decimal color 12226297.

# 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**  
11313068

# Trichromacy



**Original Color**  
12226297



**Protanomaly**  
9804285



**Deuteranomaly**  
9673718



**Tritanomaly**  
11639240

# Monochromacy



**Original Color**  
12226297



**Achromatopsia**  
10987431



**Achromatomaly**  
11443909

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12226297 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 #BA8EF9 looks like.

```
.text, #text, p{  
    color:#BA8EF9  
}
```

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 #BA8EF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA8EF9
}
```

## Border

The CSS property to change the border of an element to Decimal 12226297 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
#BA8EF9 }
```

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

```
.border{ border-color:#BA8EF9 }
```

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

Here you see how a box with a 4 pixel #BA8EF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA8EF9; -webkit-box-shadow:4px 4px  
4px 4px #BA8EF9; box-shadow:4px 4px 4px  
4px #BA8EF9 }
```

# Background

The CSS property to change the background color of an element to Decimal 12226297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA8EF9 }
```

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

```
.background{ background-color:#BA8EF9 }
```

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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