

Converting Colors

Decimal(12296955)

Have a look what the booklet for
Decimal(12296955) contains.

Decimal(12296955)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12296955)

Conversions

Conversions Part 1

Format	Color
Hex	BBA2FB
RGB	187, 162, 251
RGB Percent	73%, 64%, 98%
CMY	0.2667, 0.3647, 0.0157
CMYK	0.25, 0.35, 0.00, 0.02
HSL	257°, 92%, 81%
HSV	257°, 35%, 98%
XYZ	50.8264, 43.3705, 96.9593
YIQ	179.6210, -13.6690, 32.9790

Conversions

Conversions Part 2

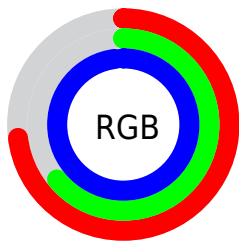
Format	Color
R _Y B	187, 162, 251
Decimal	12296955
CIE Lab	71.81, 27.37, -41.03
CIE LCh	72, 49.316, 303.705
Yxy	43.3705, 0.2659, 0.2269
Android (android.graphics.Color)	4290487035 (0xFFBBA2FB)
YUV	179.6210, 35.1898, 6.4714
Hunter-Lab	65.8563, 22.5139, -41.1925

Details

The Decimal color **12296955** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **14875554**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **16046591**, and **8679106** is the 20% darker color. If you saturate the color by 10%, you get **11110907**, and if you desaturate by 10%, it is **13483003**.

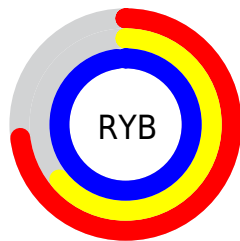
Distribution



Red (73%)

Green (64%)

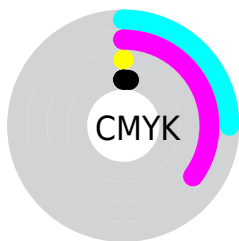
Blue (98%)



Red (73%)

Yellow (64%)

Blue (98%)

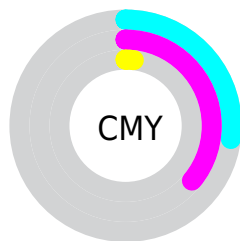


Cyan (25%)

Magenta (35%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (36%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12296955 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 12296955 by changing the saturation by 10% instead.

 12296955

 12296955

16777215

 10455262

 16046591

 8679106

 16774911

 6903463

 5193356

 3483762

 1643353

 65

 810

 276

■ 12296955

■ 12296955

■ 11110907

■ 13483003

■ 9924859

■ 14669051

■ 8738811

■ 15855099

■ 7552763

16777211

■ 6366459

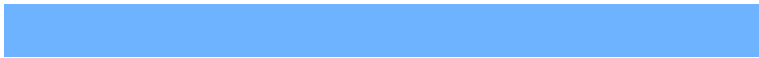
■ 5180411

■ 4653307

Harmonies

Analogous

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



7255039



12296955



15504089

Triad

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



12296955



15441760



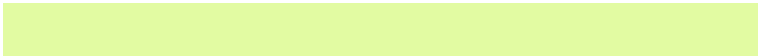
51124

Complementary

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



12296955



14875554

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.



6079622



12296955



13021011

Square

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



12296955



16748672



9944162



50913

Rectangle

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



12296955



16747451



9944162



771749

Sweetspot

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



12296955



15459327



10675195



7630720



0



8421504

Same Dimension

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



12296955



11571711



15115003



7630973



3473597



1114173

Inverse Universe

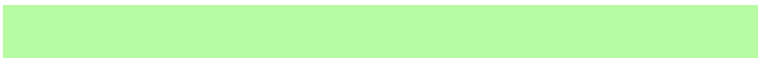
The Inverse Universe completely reimagines the original color for something new.



16491234



16749024



12057506



8220793



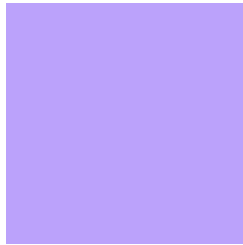
12386440



3997740

Previews

White Background



This preview shows how the Decimal color 12296955 looks on a white background.

Color Contrast Check

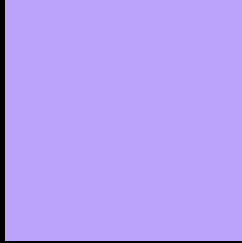
Large Text (above 18pt) WCAG AA × Fail

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 12296955 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 12296955 Background



This preview shows how black text looks on a background with the Decimal color 12296955.




This preview shows how white text looks on a background with the Decimal color 12296955.

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
11513789

Trichromacy



Original Color
12296955

Protanomaly
10725886

Deuteranomaly
10726137

Tritanomaly
11774676

Monochromacy



Original Color
12296955

Achromatopsia
11842740

Achromatomaly
12037582

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12296955 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 #BBA2FB looks like.

```
.text, #text, p{  
    color:#BBA2FB  
}
```

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 #BBA2FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBA2FB
}
```

Border

The CSS property to change the border of an element to Decimal 12296955 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
#BBA2FB }
```

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

```
.border{ border-color:#BBA2FB }
```

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

Here you see how a box with a 4 pixel #BBA2FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBA2FB; -webkit-box-shadow:4px 4px  
4px 4px #BBA2FB; box-shadow:4px 4px 4px  
4px #BBA2FB }
```

Background

The CSS property to change the background color of an element to Decimal 12296955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBA2FB }
```

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

```
.background{ background-color:#BBA2FB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor