

Converting Colors

Decimal(12226271)

Have a look what the booklet for
Decimal(12226271) contains.

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Color

Decimal(12226271)

Conversions

Conversions Part 1

Format	Color
Hex	BA8EDF
RGB	186, 142, 223
RGB Percent	73%, 56%, 87%
CMY	0.2706, 0.4431, 0.1255
CMYK	0.17, 0.36, 0.00, 0.13
HSL	273°, 56%, 72%
HSV	273°, 36%, 87%
XYZ	43.2420, 35.1128, 74.3104
YIQ	164.3900, 0.2230, 34.5190

Conversions

Conversions Part 2

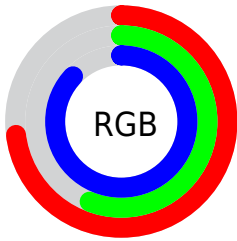
Format	Color
R _Y B	186, 142, 223
Decimal	12226271
CIE Lab	65.84, 31.81, -34.99
CIE LCh	66, 47.289, 312.277
Yxy	35.1128, 0.2832, 0.2300
Android (android.graphics.Color)	4290416351 (0xFFBA8EDF)
YUV	164.3900, 28.8947, 18.9520
Hunter-Lab	59.2561, 26.5619, -32.8737

Details

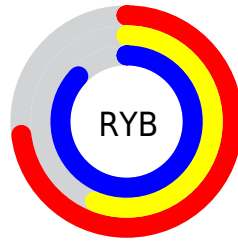
The Decimal color **12226271** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **11788174**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **15975679**, and **8608679** is the 20% darker color. If you saturate the color by 10%, you get **11565279**, and if you desaturate by 10%, it is **12887263**.

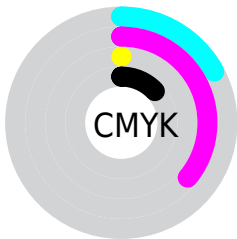
Distribution



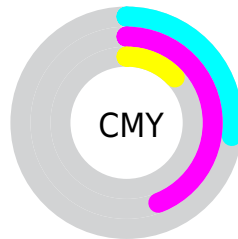
- Red (73%)
- Green (56%)
- Blue (87%)



- Red (73%)
- Yellow (56%)
- Blue (87%)



- Cyan (17%)
- Magenta (36%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (44%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12226271 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 12226271 by changing the saturation by 10% instead.

■ 12226271

■ 12226271

16777215

■ 10384579

■ 15975679

■ 8608679

■ 16769279

■ 6898573

■ 16776703

■ 5254003

■ 3609946

■ 1966146

■ 43

■ 278

■ 0

 12226271


 12226271

 11565279

 12887263

 10904031

 13548511

 10177503

 14275039

 9516511

 14936031

 8855263

 15597279

 8194271

 16252895

 7930079

 16777183

Harmonies

Analogous

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



7970547



12226271



14778555

Triad

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



12226271



13538638



46769

Complementary

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



12226271



11788174

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.



3716229



12226271



11051850

Square

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



12226271



15238761



8040031



46040

Rectangle

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



12226271



15629470



8040031



46754

Sweetspot

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



12226271



15918079



9352415



7892864



0



8421504

Same Dimension

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



12226271



13406207



14651100



7038320



6291632



1703984

Inverse Universe

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



14651059



16748482



9363345



7365994



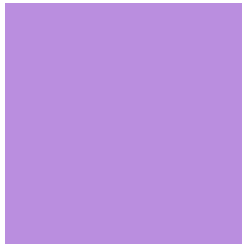
11534416



3145750

Previews

White Background



This preview shows how the Decimal color 12226271 looks on a white background.

Color Contrast Check

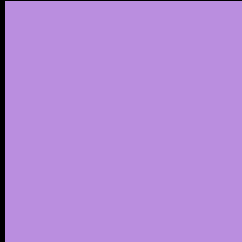
Large Text (above 18pt) WCAG AA × Fail

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 12226271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

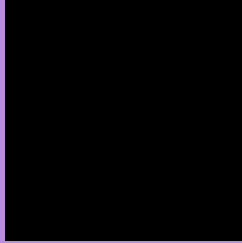
Any Text WCAG AA ✓ Pass

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 12226271 Background



This preview shows how black text looks on a background with the Decimal color 12226271.




This preview shows how white text looks on a background with the Decimal color 12226271.

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
11639462

Trichromacy



Original Color
12226271



Protanomaly
10066151



Deuteranomaly
10328285



Tritanomaly
11835067

Monochromacy



Original Color
12226271



Achromatopsia
10790052



Achromatomaly
11312313

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12226271 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 #BA8EDF looks like.

```
.text, #text, p{  
    color:#BA8EDF  
}
```

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 #BA8EDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA8EDF
}
```

Border

The CSS property to change the border of an element to Decimal 12226271 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
#BA8EDF }
```

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

```
.border{ border-color:#BA8EDF }
```

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

Here you see how a box with a 4 pixel #BA8EDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA8EDF; -webkit-box-shadow:4px 4px  
4px 4px #BA8EDF; box-shadow:4px 4px 4px  
4px #BA8EDF }
```

Background

The CSS property to change the background color of an element to Decimal 12226271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA8EDF }
```

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

```
.background{ background-color:#BA8EDF }
```

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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