

Converting Colors

Decimal(12419830)

Have a look what the booklet for
Decimal(12419830) contains.

Decimal(12419830)	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(12419830)

Conversions

Conversions Part 1

Format	Color
Hex	BD82F6
RGB	189, 130, 246
RGB Percent	74%, 51%, 96%
CMY	0.2588, 0.4902, 0.0353
CMYK	0.23, 0.47, 0.00, 0.04
HSL	271°, 87%, 74%
HSV	271°, 47%, 96%
XYZ	45.6034, 33.4379, 91.2394
YIQ	160.8650, -2.0720, 48.5840

Conversions

Conversions Part 2

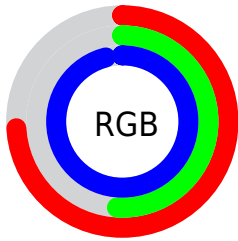
Format	Color
R _Y B	189, 130, 246
Decimal	12419830
CIE Lab	64.51, 44.39, -49.74
CIE LCh	65, 66.665, 311.748
Yxy	33.4379, 0.2678, 0.1964
Android (android.graphics.Color)	4290609910 (0xFFBD82F6)
YUV	160.8650, 41.9716, 24.6744
Hunter-Lab	57.8255, 39.5774, -53.0722

Details

The Decimal color **12419830** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **12318338**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **16234751**, and **8736701** is the 20% darker color. If you saturate the color by 10%, you get **11626998**, and if you desaturate by 10%, it is **13212662**.

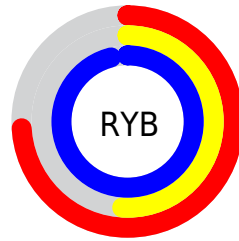
Distribution



Red (74%)

Green (51%)

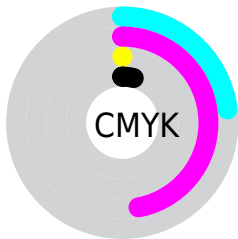
Blue (96%)



Red (74%)

Yellow (51%)

Blue (96%)

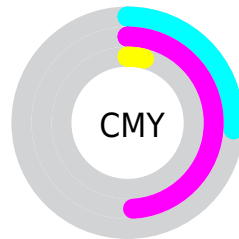


Cyan (23%)

Magenta (47%)

Yellow (0%)

Black (4%)



Cyan (26%)

Magenta (49%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12419830 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 12419830 by changing the saturation by 10% instead.

 12419830

 12419830

16777215

 10578137

 16234751

 8736701

 16766207

 6960802

 16773631

 5184903

 3342445

 1441876

 60

 549

 270

■ 12419830

■ 12419830

■ 11626998

■ 13212662

■ 10834422

■ 14005238

■ 10041590

■ 14798070

■ 9249014

■ 15590646

■ 8456182

■ 16383478

■ 8192246

■ 16777206

Harmonies

Analogous

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



4758527



12419830



16083395

Triad

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



12419830



14191648



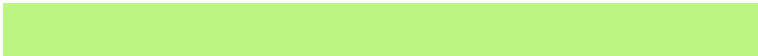
47539

Complementary

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



12419830



12318338

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.



46709



12419830



10789135

Square

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



12419830



16479056



6467388



46827

Rectangle

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



12419830



16736667



6467388



47262

Sweetspot

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



12419830



15588351



8568054



7694976



0



8421504

Same Dimension

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



12419830



12087039



16155382



7630458



6226106



1966139

Inverse Universe

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



16155323



16740021



8582786



8023668



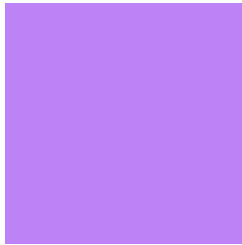
12189787



3866653

Previews

White Background



This preview shows how the Decimal color 12419830 looks on a white background.

Color Contrast Check

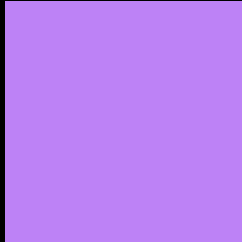
Large Text (above 18pt) WCAG AA × Fail

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 12419830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

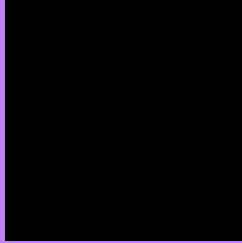
Any Text WCAG AA ✓ Pass

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 12419830 Background



This preview shows how black text looks on a background with the Decimal color 12419830.

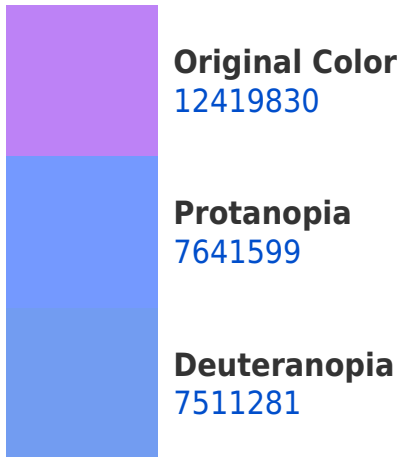


This preview shows how white text looks on a background with the Decimal color 12419830.

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
11441825

Trichromacy



Original Color
12419830



Protanomaly
9409020



Deuteranomaly
9278451



Tritanomaly
11767744

Monochromacy



Original Color
12419830



Achromatopsia
10592673



Achromatomaly
11245248

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12419830 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 #BD82F6 looks like.

```
.text, #text, p{  
    color:#BD82F6  
}
```

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 #BD82F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD82F6
}
```

Border

The CSS property to change the border of an element to Decimal 12419830 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
#BD82F6 }
```

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

```
.border{ border-color:#BD82F6 }
```

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

Here you see how a box with a 4 pixel #BD82F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD82F6; -webkit-box-shadow:4px 4px  
4px 4px #BD82F6; box-shadow:4px 4px 4px  
4px #BD82F6 }
```

Background

The CSS property to change the background color of an element to Decimal 12419830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD82F6 }
```

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

```
.background{ background-color:#BD82F6 }
```

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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