

Converting Colors

Decimal(12420294)

Have a look what the booklet for
Decimal(12420294) contains.

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Color

Decimal(12420294)

Conversions

Conversions Part 1

Format	Color
Hex	BD84C6
RGB	189, 132, 198
RGB Percent	74%, 52%, 78%
CMY	0.2588, 0.4824, 0.2235
CMYK	0.05, 0.33, 0.00, 0.22
HSL	292°, 37%, 65%
HSV	292°, 33%, 78%
XYZ	39.4306, 31.3986, 57.4084
YIQ	156.5670, 12.7860, 32.6100

Conversions

Conversions Part 2

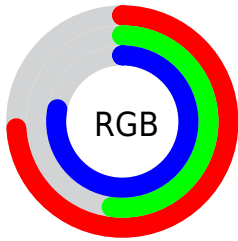
Format	Color
RYB	189, 132, 198
Decimal	12420294
CIELab	62.84, 33.07, -25.64
CIELCh	63, 41.843, 322.215
Yxy	31.3986, 0.3075, 0.2448
Android (android.graphics.Color)	4290610374 (0xFFBD84C6)
YUV	156.5670, 20.4265, 28.4437
Hunter-Lab	56.0344, 27.5475, -21.5197

Details

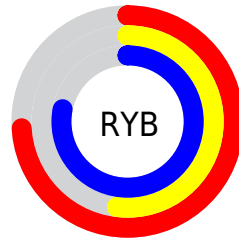
The Decimal color **12420294** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9291396**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **16169727**, and **8868240** is the 20% darker color. If you saturate the color by 10%, you get **12218566**, and if you desaturate by 10%, it is **12622022**.

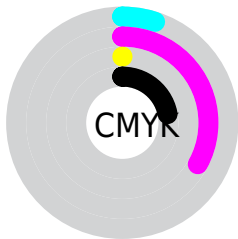
Distribution



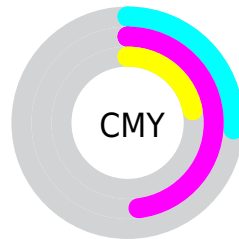
- Red (74%)
- Green (52%)
- Blue (78%)



- Red (74%)
- Yellow (52%)
- Blue (78%)



- Cyan (5%)
- Magenta (33%)
- Yellow (0%)
- Black (22%)



- Cyan (26%)
- Magenta (48%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12420294 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 12420294 by changing the saturation by 10% instead.

 12420294

 12420294

16777215

 10578603

 16169727

 8868240

 16766719

 7158134

 16773887

 5448029

 3868741

 2424879

 25

 0

 12420294

 12420294

 12218566

 12622022

 12082374

 12758214

 11880902

 12959686

 11679174

 13161414

 11477446

 13363142

 11341254

 13499334

 11206854

 13696966

 13893574

 14024646

Harmonies

Analogous

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



9212637



12420294



14252963

Triad

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



12420294



12030797



43955

Complementary

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



12420294



9291396

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.



2730893



12420294



9674321

Square

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



12420294



13796703



6858345



42962

Rectangle

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



12420294



14645898



6858345



43943

Sweetspot

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



12420294



16574207



8687302



8220800



0



8421504

Same Dimension

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



12420294



15833599



13010095



6445667



9240739



2031652

Inverse Universe

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



13010061



16751015



8701595



6511195



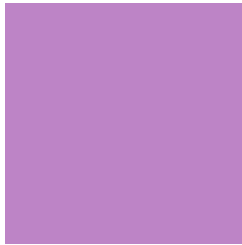
10682390



2359301

Previews

White Background



This preview shows how the Decimal color 12420294 looks on a white background.

Color Contrast Check

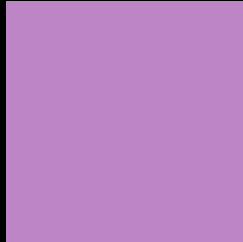
Large Text (above 18pt) WCAG AA × Fail

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 12420294 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 12420294 Background



This preview shows how black text looks on a background with the Decimal color 12420294.




This preview shows how white text looks on a background with the Decimal color 12420294.

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
12029336

Trichromacy



Original Color
12420294

Protanomaly
10129359

Deuteranomaly
10588100

Tritanomaly
12159657

Monochromacy



Original Color
12420294

Achromatopsia
10329501

Achromatomaly
11113644

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12420294 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 #BD84C6 looks like.

```
.text, #text, p{  
    color:#BD84C6  
}
```

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 #BD84C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD84C6
}
```

Border

The CSS property to change the border of an element to Decimal 12420294 is called "border". The border property can be set on classes, ids or directly on the HTML element.

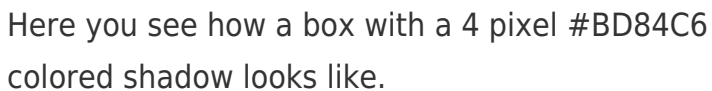
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD84C6 }
```

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

```
.border{ border-color:#BD84C6 }
```

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



Here you see how a box with a 4 pixel `#BD84C6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD84C6; -webkit-box-shadow:4px 4px  
4px 4px #BD84C6; box-shadow:4px 4px 4px  
4px #BD84C6 }
```

Background

The CSS property to change the background color of an element to Decimal 12420294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD84C6 }
```

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

```
.background{ background-color:#BD84C6 }
```

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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