

Converting Colors

Decimal(12420299)

Have a look what the booklet for
Decimal(12420299) contains.

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Color

Decimal(12420299)

Conversions

Conversions Part 1

Format	Color
Hex	BD84CB
RGB	189, 132, 203
RGB Percent	74%, 52%, 80%
CMY	0.2588, 0.4824, 0.2039
CMYK	0.07, 0.35, 0.00, 0.20
HSL	288°, 41%, 66%
HSV	288°, 35%, 80%
XYZ	40.0170, 31.6331, 60.4966
YIQ	157.1370, 11.1810, 34.1650

Conversions

Conversions Part 2

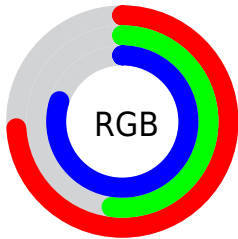
Format	Color
RYB	189, 132, 203
Decimal	12420299
CIELab	63.04, 34.06, -28.15
CIELCh	63, 44.188, 320.434
Yxy	31.6331, 0.3028, 0.2394
Android (android.graphics.Color)	4290610379 (0xFFBD84CB)
YUV	157.1370, 22.6105, 27.9439
Hunter-Lab	56.2433, 28.5765, -24.4033

Details

The Decimal color **12420299** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9620356**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **16169727**, and **8868245** is the 20% darker color. If you saturate the color by 10%, you get **12153035**, and if you desaturate by 10%, it is **12687563**.

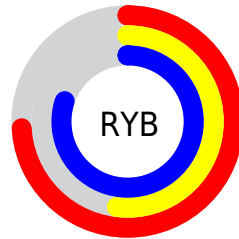
Distribution



Red (74%)

Green (52%)

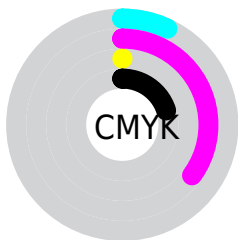
Blue (80%)



Red (74%)

Yellow (52%)

Blue (80%)

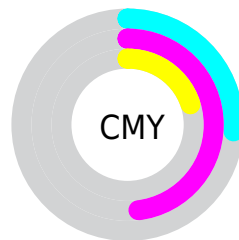


Cyan (7%)

Magenta (35%)

Yellow (0%)

Black (20%)



Cyan (26%)

Magenta (48%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12420299 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 12420299 by changing the saturation by 10% instead.


 12420299

 12420299

16777215

 10578607

 16169727


 8868245

 16766719

 7092603

 16773887

 5448034

 3803209


 2359347

 29

 0

 12420299

 12420299

 12153035

 12687563

 11885515

 12955083

 11618251

 13222347

 11350987

 13489611

 11083723

 13757131

 10816203

 14024395

 10682571

 14286795

 14548939

 14811083

Harmonies

Analogous

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



8950754



12420299



14383527

Triad

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



12420299



12292682



44467

Complementary

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



12420299



9620356

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.



2141322



12420299



9871180

Square

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



12420299



14124125



6858597



43476

Rectangle

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



12420299



14907532



6858597



44453

Sweetspot

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



12420299



16443135



8688331



8155264



0



8421504

Same Dimension

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



12420299



15373567



13337782



6577254



8716454



2031654

Inverse Universe

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



13337746



16749737



8702873



6708318



10879009



2490376

Previews

White Background



This preview shows how the Decimal color 12420299 looks on a white background.

Color Contrast Check

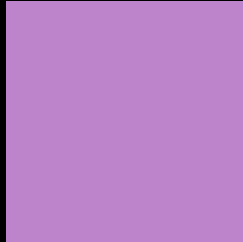
Large Text (above 18pt) WCAG AA × Fail

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 12420299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

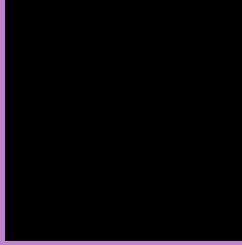
Any Text WCAG AA ✓ Pass

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 12420299 Background



This preview shows how black text looks on a background with the Decimal color 12420299.

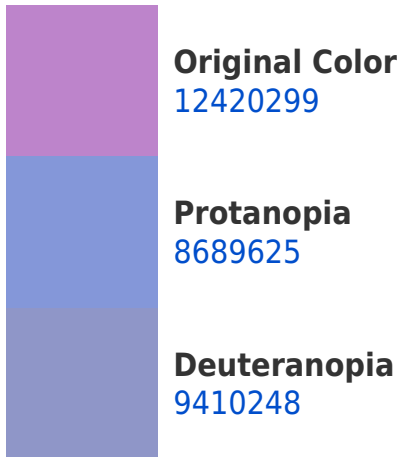


This preview shows how white text looks on a background with the Decimal color 12420299.

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
11964057

Trichromacy



Original Color
12420299



Protanomaly
10064084



Deuteranomaly
10522569

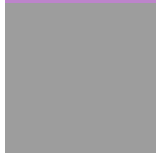


Tritanomaly
12159659

Monochromacy



Original Color
12420299



Achromatopsia
10329501



Achromatomaly
11113646

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12420299 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 #BD84CB looks like.

```
.text, #text, p{  
    color:#BD84CB  
}
```

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 #BD84CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD84CB
}
```

Border

The CSS property to change the border of an element to Decimal 12420299 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
#BD84CB }
```

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

```
.border{ border-color:#BD84CB }
```

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

Here you see how a box with a 4 pixel #BD84CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD84CB; -webkit-box-shadow:4px 4px  
4px 4px #BD84CB; box-shadow:4px 4px 4px  
4px #BD84CB }
```

Background

The CSS property to change the background color of an element to Decimal 12420299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD84CB }
```

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

```
.background{ background-color:#BD84CB }
```

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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