

Converting Colors

Decimal(12099541)

Have a look what the booklet for
Decimal(12099541) contains.

Decimal(12099541)	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(12099541)

Conversions

Conversions Part 1

Format	Color
Hex	B89FD5
RGB	184, 159, 213
RGB Percent	72%, 62%, 84%
CMY	0.2784, 0.3765, 0.1647
CMYK	0.14, 0.25, 0.00, 0.16
HSL	268°, 39%, 73%
HSV	268°, 25%, 84%
XYZ	44.1755, 39.7907, 68.3029
YIQ	172.6310, -2.4340, 22.0940

Conversions

Conversions Part 2

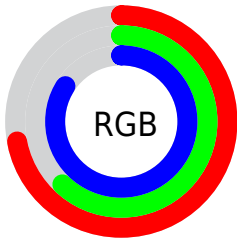
Format	Color
R_{YB}	184, 159, 213
Decimal	12099541
CIE _{Lab}	69.32, 19.54, -24.10
CIE _{LCh}	69, 31.031, 309.036
Yxy	39.7907, 0.2901, 0.2613
Android (android.graphics.Color)	4290289621 (0xFFB89FD5)
YUV	172.6310, 19.9019, 9.9706
Hunter-Lab	63.0799, 14.6157, -20.0433

Details

The Decimal color **12099541** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **12375455**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **15783679**, and **8547230** is the 20% darker color. If you saturate the color by 10%, you get **11373269**, and if you desaturate by 10%, it is **12825813**.

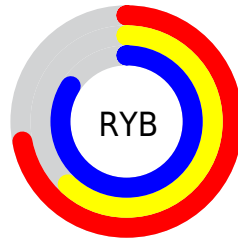
Distribution



Red (72%)

Green (62%)

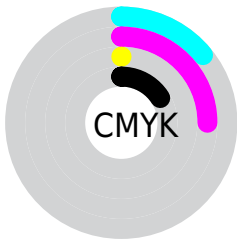
Blue (84%)



Red (72%)

Yellow (62%)

Blue (84%)

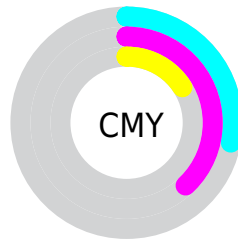


Cyan (14%)

Magenta (25%)

Yellow (0%)

Black (16%)



Cyan (28%)

Magenta (38%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12099541 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 12099541 by changing the saturation by 10% instead.

■ 12099541

■ 12099541

16777215

■ 10323385

■ 15783679

■ 8547230

■ 16773887

■ 6902660

■ 5258347

■ 3679826

■ 2167099

■ 917541

■ 269

■ 0

 12099541

 12099541

 11373269

 12825813

 10581205

 13617877

 9854933

 14344149

 9063125

 15135957

 8336853

 15859669

 7544789

 16646101

 6818517

 16777173

 6488277

Harmonies

Analogous

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



9546208



12099541



13932478

Triad

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



12099541



13541749



5683633

Complementary

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



12099541



12375455

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.



7649172



12099541



11840113

Square

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



12099541



14588039



9810557



5093324

Rectangle

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



12099541



14587051



9810557



6273447

Sweetspot

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



12099541



16051199



10468821



7959424



0



8421504

Same Dimension

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



12099541



14070783



13803477



6643819



5177515



1310763

Inverse Universe

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



14000060



16757724



10671519



7037030



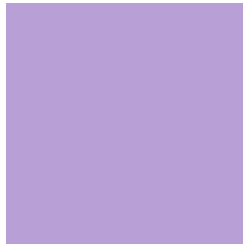
11206748



2818071

Previews

White Background



This preview shows how the Decimal color 12099541 looks on a white background.

Color Contrast Check

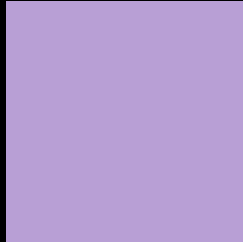
Large Text (above 18pt) WCAG AA × Fail

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 12099541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

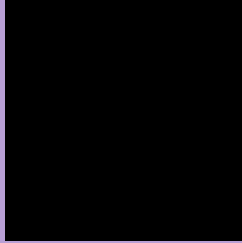
Any Text WCAG AA ✓ Pass

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 12099541 Background



This preview shows how black text looks on a background with the Decimal color 12099541.

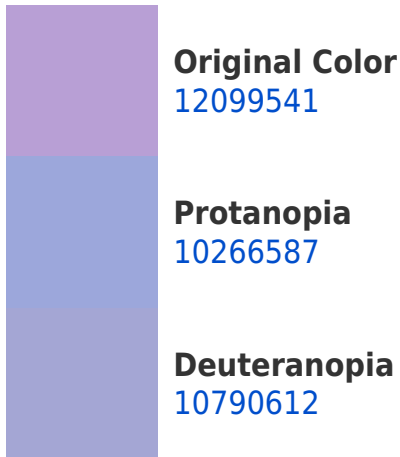


This preview shows how white text looks on a background with the Decimal color 12099541.

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
11707826

Trichromacy



Original Color
12099541

Protanomaly
10921177

Deuteranomaly
11248596

Tritanomaly
11838399

Monochromacy



Original Color
12099541

Achromatopsia
11382189

Achromatomaly
11643068

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12099541 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 #B89FD5 looks like.

```
.text, #text, p{  
    color:#B89FD5  
}
```

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 #B89FD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B89FD5
}
```

Border

The CSS property to change the border of an element to Decimal 12099541 is called "border". The border property can be set on classes, ids or directly on the HTML element.

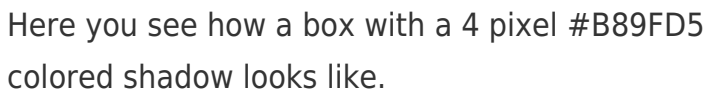
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B89FD5 }
```

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

```
.border{ border-color:#B89FD5 }
```

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



Here you see how a box with a 4 pixel #B89FD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B89FD5; -webkit-box-shadow:4px 4px  
4px 4px #B89FD5; box-shadow:4px 4px 4px  
4px #B89FD5 }
```

Background

The CSS property to change the background color of an element to Decimal 12099541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B89FD5 }
```

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

```
.background{ background-color:#B89FD5 }
```

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