

Converting Colors

Decimal(12098531)

Have a look what the booklet for
Decimal(12098531) contains.

Decimal(12098531)	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(12098531)

Conversions

Conversions Part 1

Format	Color
Hex	B89BE3
RGB	184, 155, 227
RGB Percent	72%, 61%, 89%
CMY	0.2784, 0.3922, 0.1098
CMYK	0.19, 0.32, 0.00, 0.11
HSL	264°, 56%, 75%
HSV	264°, 32%, 89%
XYZ	45.3536, 39.1791, 77.8450
YIQ	171.8790, -5.8280, 28.5400

Conversions

Conversions Part 2

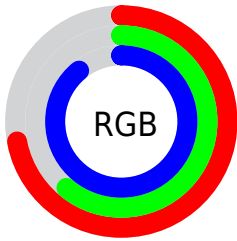
Format	Color
RYB	184, 155, 227
Decimal	12098531
CIELab	68.88, 24.85, -32.49
CIELCh	69, 40.904, 307.412
Yxy	39.1791, 0.2793, 0.2413
Android (android.graphics.Color)	4290288611 (0xFFB89BE3)
YUV	171.8790, 27.1747, 10.6301
Hunter-Lab	62.5932, 19.7990, -29.9217

Details

The Decimal color **12098531** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **13034395**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **15848191**, and **8546475** is the 20% darker color. If you saturate the color by 10%, you get **11175139**, and if you desaturate by 10%, it is **13021923**.

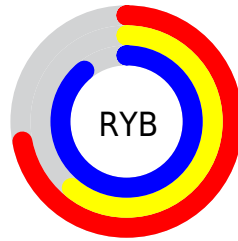
Distribution



Red (72%)

Green (61%)

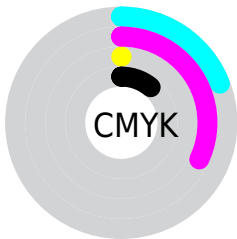
Blue (89%)



Red (72%)

Yellow (61%)

Blue (89%)

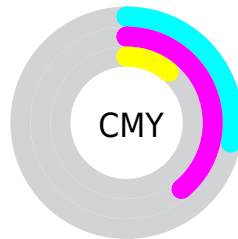


Cyan (19%)

Magenta (32%)

Yellow (0%)

Black (11%)



Cyan (28%)

Magenta (39%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12098531 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 12098531 by changing the saturation by 10% instead.

 12098531

 12098531

16777215

 10322375

 15848191

 8546475

 16772863

 6836113

 5191799

 3547742

 1903942

 524335

 281

 0

12098531

12098531

11175139

13021923

10317539

13879523

9394147

14802915

8536291

15660771

7612899

16580579

6755299

16777187

5964003

Harmonies

Analogous

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



8432113



12098531



14585797

Triad

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



12098531



14130276



1686704

Complementary

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



12098531



13034395

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.



6338954



12098531



12036445

Square

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



12098531



15437949



9417580



47828

Rectangle

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



12098531



15502253



9417580



3718051

Sweetspot

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



12098531



15787775



10208995



7762048



0



8421504

Same Dimension

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



12098531



12951295



14457827



7104371



4718771



1376307

Inverse Universe

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



14916550



16752344



10675099



7563118



11731051



3342366

Previews

White Background



This preview shows how the Decimal color 12098531 looks on a white background.

Color Contrast Check

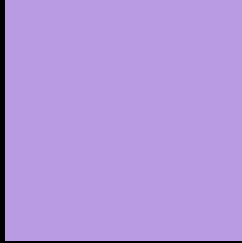
Large Text (above 18pt) WCAG AA × Fail

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 12098531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

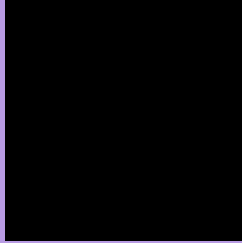
Any Text WCAG AA ✓ Pass

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 12098531 Background



This preview shows how black text looks on a background with the Decimal color 12098531.

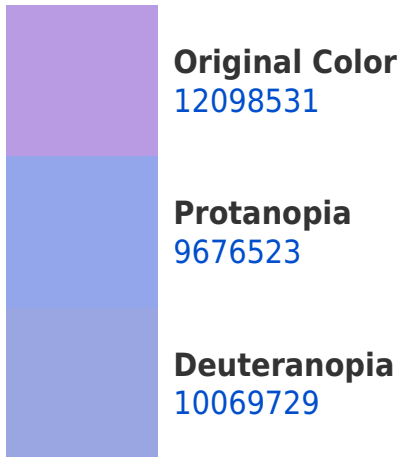


This preview shows how white text looks on a background with the Decimal color 12098531.

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
11511218

Trichromacy



Original Color
12098531

Protanomaly
10527464

Deuteranomaly
10789602

Tritanomaly
11706820

Monochromacy



Original Color
12098531

Achromatopsia
11316396

Achromatomaly
11577024

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12098531 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 #B89BE3 looks like.

```
.text, #text, p{  
    color:#B89BE3  
}
```

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 #B89BE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B89BE3
}
```

Border

The CSS property to change the border of an element to Decimal 12098531 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
#B89BE3 }
```

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

```
.border{ border-color:#B89BE3 }
```

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

Here you see how a box with a 4 pixel #B89BE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B89BE3; -webkit-box-shadow:4px 4px  
4px 4px #B89BE3; box-shadow:4px 4px 4px  
4px #B89BE3 }
```

Background

The CSS property to change the background color of an element to Decimal 12098531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B89BE3 }
```

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

```
.background{ background-color:#B89BE3 }
```

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