

# Converting Colors

Decimal(12279243)

Have a look what the booklet for  
Decimal(12279243) contains.

<b>Decimal(12279243)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(12279243)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB5DCB
RGB	187, 93, 203
RGB Percent	73%, 36%, 80%
CMY	0.2667, 0.6353, 0.2039
CMYK	0.08, 0.54, 0.00, 0.20
HSL	291°, 51%, 58%
HSV	291°, 54%, 80%
XYZ	35.1874, 22.7053, 59.0279
YIQ	133.6460, 20.7140, 54.1380

# Conversions

## Conversions Part 2

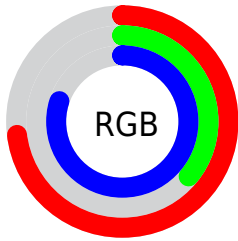
Format	Color
<a href="#">RYB</a>	<a href="#">187, 93, 203</a>
Decimal	<a href="#">12279243</a>
CIELab	<a href="#">54.77, 53.99, -41.07</a>
CIElCh	<a href="#">55, 67.831, 322.742</a>
Yxy	<a href="#">22.7053, 0.3010, 0.1942</a>
Android (android.graphics.Color)	<a href="#">4290469323 (0xFFBB5DCB)</a>
YUV	<a href="#">133.6460, 34.1915, 46.7915</a>
Hunter-Lab	<a href="#">47.6501, 48.4263, -40.0921</a>

# Details

The Decimal color **12279243** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **7195485**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **16094207**, and **8595092** is the 20% darker color. If you saturate the color by 10%, you get **12077515**, and if you desaturate by 10%, it is **12480971**.

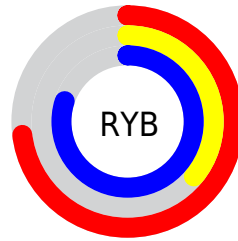
# Distribution



Red (73%)

Green (36%)

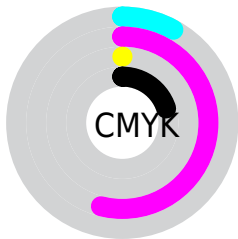
Blue (80%)



Red (73%)

Yellow (36%)

Blue (80%)

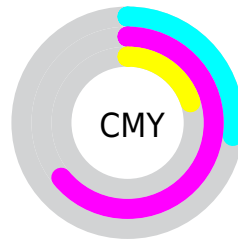


Cyan (8%)

Magenta (54%)

Yellow (0%)

Black (20%)



Cyan (27%)

Magenta (64%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12279243 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 12279243 by changing the saturation by 10% instead.



 12279243

 12279243

16777215

 10437295

 16094207

 8595092

 16756735

 6815866

 16763903

 5046369

 16771327

 3407944

 1703985

 283

 0

 12279243

 12279243

■ 12077515

■ 12480971

■ 11875531

■ 12682955

■ 11673803

■ 12884683

■ 11472075

■ 13086411

■ 11337931

■ 13288395

■ 13490123

■ 13691851

■ 13893579

■ 14090187

# Harmonies

## Analogous

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



6388464



12279243



14894228

# Triad

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



12279243



11172608



40367

# Complementary

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



12279243



7195485

# 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.



40306



12279243



7572736

# Square

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



12279243



13853219



1022006



39648

# Rectangle

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



12279243



15418221



1022006



40603



# Sweetspot

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



12279243



16373503



6122955



8152960



0



8421504



# Same Dimension

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



12279243



15161855



13327780



6642790



9306278



2162726



# Inverse Universe

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



13327725



16734577



6146948



6708317



10879000

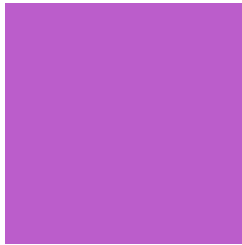


2490374



# Previews

## White Background



This preview shows how the Decimal color 12279243 looks on a white background.

## Color Contrast Check

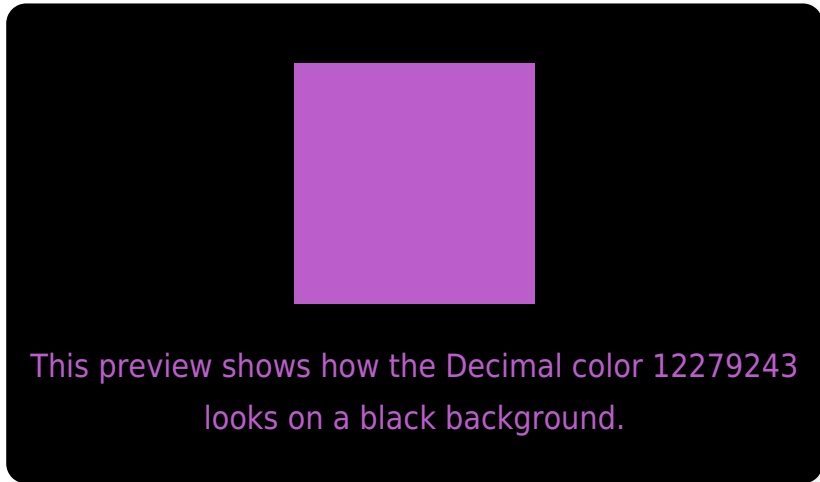
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

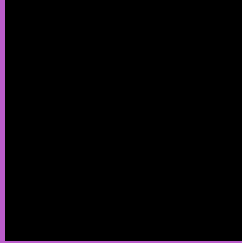
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12279243 Background



This preview shows how black text looks on a background with the Decimal color 12279243.

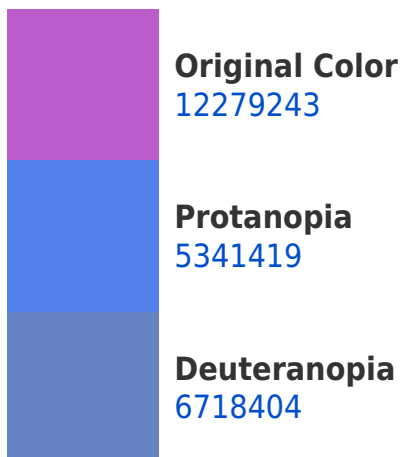



This preview shows how white text looks on a background with the Decimal color 12279243.

# 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**  
11563642

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12279243 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 #BB5DCB looks like.

```
.text, #text, p{  
    color:#BB5DCB  
}
```

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 #BB5DCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB5DCB
}
```

## Border

The CSS property to change the border of an element to Decimal 12279243 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
#BB5DCB }
```

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

```
.border{ border-color:#BB5DCB }
```

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

Here you see how a box with a 4 pixel #BB5DCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB5DCB; -webkit-box-shadow:4px 4px  
4px 4px #BB5DCB; box-shadow:4px 4px 4px  
4px #BB5DCB }
```

# Background

The CSS property to change the background color of an element to Decimal 12279243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB5DCB }
```

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

```
.background{ background-color:#BB5DCB }
```

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