

# Converting Colors

Decimal(12418483)

Have a look what the booklet for  
Decimal(12418483) contains.

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# **Color**

**Decimal(12418483)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD7DB3
RGB	189, 125, 179
RGB Percent	74%, 49%, 70%
CMY	0.2588, 0.5098, 0.2980
CMYK	0.00, 0.34, 0.05, 0.26
HSL	309°, 33%, 62%
HSV	309°, 34%, 74%
XYZ	36.4566, 28.7407, 46.2739
YIQ	150.2920, 20.8100, 30.3620

# Conversions

## Conversions Part 2

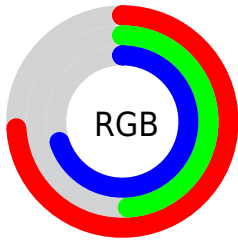
Format	Color
<a href="#">RYB</a>	<a href="#">189, 125, 179</a>
Decimal	<a href="#">12418483</a>
CIELab	<a href="#">60.55, 33.32, -18.38</a>
CIELCh	<a href="#">61, 38.054, 331.116</a>
Yxy	<a href="#">28.7407, 0.3270, 0.2578</a>
Android (android.graphics.Color)	<a href="#">4290608563 (0xFFBD7DB3)</a>
YUV	<a href="#">150.2920, 14.1530, 33.9469</a>
Hunter-Lab	<a href="#">53.6104, 27.5669, -13.6490</a>

# Details

The Decimal color **12418483** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8240519**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **16167915**, and **8866686** is the 20% darker color. If you saturate the color by 10%, you get **12413616**, and if you desaturate by 10%, it is **12423350**.

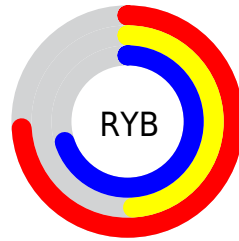
# Distribution



Red (74%)

Green (49%)

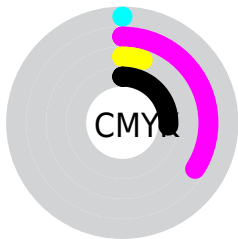
Blue (70%)



Red (74%)

Yellow (49%)

Blue (70%)

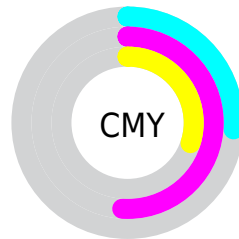


Cyan (0%)

Magenta (34%)

Yellow (5%)

Black (26%)



Cyan (26%)

Magenta (51%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12418483 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 12418483 by changing the saturation by 10% instead.




 12418483

 12418483

16777215

 10576792

 16167915

 8866686

 16764671

 7090789

 16772095

 5446221

 3866934

 2555937

 5

 0

 12418483

 12418483

 12413616

 12423350

 12408749

 12428217

 12403882

 12433084

 12399015

 12437951

 12394148

 12442818

 12389537

 12447429

 12386463

 12451784

 12451787

 12451790

# Harmonies

## Analogous

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



9931212



12418483



13662098

# Triad

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



12418483



10915918



41908

# Complementary

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



12418483



8240519

# 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.



1942674



12418483



8624727

# Square

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



12418483



12682584



5939568



40652

# Rectangle

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



12418483



13858940



5939568



41897



# Sweetspot

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



12418483



16112881



8879549



8023160



16448250



8026746



# Same Dimension

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



12418483



16093413



12418451



6182237



10354821



2031642



# Inverse Universe

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



12418483



16093413



8240551



6182237



10354821

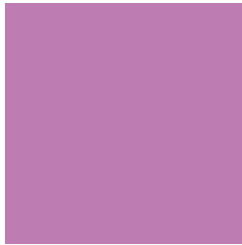


2031642



# Previews

## White Background



This preview shows how the Decimal color 12418483 looks on a white background.

## Color Contrast Check

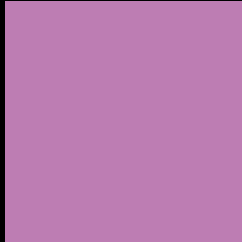
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 12418483 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

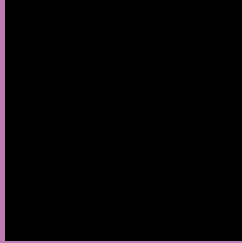
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12418483 Background



This preview shows how black text looks on a background with the Decimal color 12418483.



This preview shows how white text looks on a background with the Decimal color 12418483.

# 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**  
12092558

# Trichromacy



**Original Color**  
12418483



**Protanomaly**  
10062524



**Deuteranomaly**  
10651825



**Tritanomaly**  
12222875

# Monochromacy



**Original Color**  
12418483



**Achromatopsia**  
9868950



**Achromatomaly**  
10784161

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12418483 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 #BD7DB3 looks like.

```
.text, #text, p{  
    color:#BD7DB3  
}
```

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 #BD7DB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD7DB3
}
```

## Border

The CSS property to change the border of an element to Decimal 12418483 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
#BD7DB3 }
```

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

```
.border{ border-color:#BD7DB3 }
```

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

Here you see how a box with a 4 pixel #BD7DB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD7DB3; -webkit-box-shadow:4px 4px  
4px 4px #BD7DB3; box-shadow:4px 4px 4px  
4px #BD7DB3 }
```

# Background

The CSS property to change the background color of an element to Decimal 12418483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD7DB3 }
```

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

```
.background{ background-color:#BD7DB3 }
```

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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