

# Converting Colors

Decimal(12367843)

Have a look what the booklet for  
Decimal(12367843) contains.

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# **Color**

**Decimal(12367843)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCB7E3
RGB	188, 183, 227
RGB Percent	74%, 72%, 89%
CMY	0.2627, 0.2824, 0.1098
CMYK	0.17, 0.19, 0.00, 0.11
HSL	247°, 44%, 80%
HSV	247°, 19%, 89%
XYZ	51.5377, 50.1044, 79.6278
YIQ	189.5110, -11.1440, 14.7440

# Conversions

## Conversions Part 2

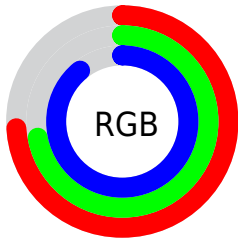
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 183, 227
Decimal	12367843
CIE <sub>Lab</sub>	76.13, 10.60, -21.34
CIE <sub>LCh</sub>	76, 23.826, 296.408
Yxy	50.1044, 0.2843, 0.2764
Android (android.graphics.Color)	4290557923 (0xFFBCB7E3)
YUV	189.5110, 18.4821, -1.3251
Hunter-Lab	70.7845, 6.0918, -17.1482

# Details

The Decimal color **12367843** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **14607287**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **16117759**, and **8815276** is the 20% darker color. If you saturate the color by 10%, you get **11051235**, and if you desaturate by 10%, it is **13684451**.

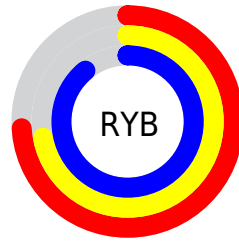
# Distribution



Red (74%)

Green (72%)

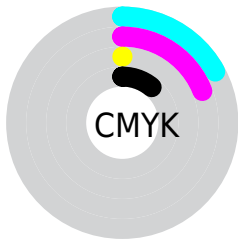
Blue (89%)



Red (74%)

Yellow (72%)

Blue (89%)

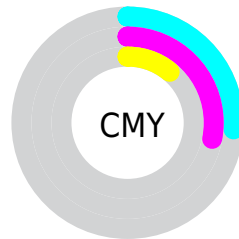


Cyan (17%)

Magenta (19%)

Yellow (0%)

Black (11%)



Cyan (26%)

Magenta (28%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12367843 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 12367843 by changing the saturation by 10% instead.



■ 12367843

■ 12367843

16777215

■ 10591431

■ 16117759

■ 8815276

■ 7170449

■ 5525879

■ 3947102

■ 2434118

■ 987184

■ 283

■ 0

■ 12367843

■ 12367843

■ 11051235

■ 13684451

■ 9734883

■ 15000803

■ 8418275

■ 16317411

■ 7101667

■ 16777187

■ 5719779

■ 4403171

■ 3086563

■ 1769955

■ 1704163

# Harmonies

## Analogous

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



10403815



12367843



14069972

# Triad

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



12367843



14791320



8964280

# Complementary

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



12367843



14607287

# 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.



10405539



12367843



13613456

# Square

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



12367843



15314345



12042388



8308942

# Rectangle

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



12367843



14855623



12042388



9423025



# Sweetspot

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



12367843



15855871



12050403



7894912



0



8421504



# Same Dimension

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



12367843



13354239



13744099



6907763



1310899



393267



# Inverse Universe

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



14923742



16762104



13231031



7563121



11731102



3342381



# Previews

## White Background



This preview shows how the Decimal color 12367843 looks on a white background.

## Color Contrast Check

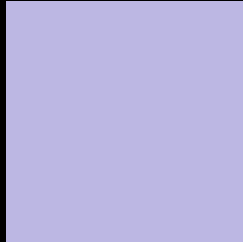
Large Text (above 18pt) WCAG AA × Fail

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 12367843 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

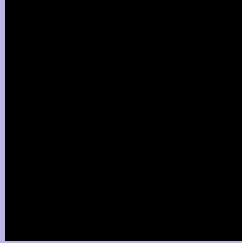
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12367843 Background



This preview shows how black text looks on a background with the Decimal color 12367843.



This preview shows how white text looks on a background with the Decimal color 12367843.

# 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](#).

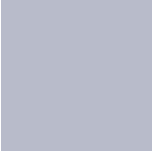
## Dichromacy



**Original Color**  
12367843

**Protanopia**  
11713253

**Deuteranopia**  
12237027



**Tritanopia**  
12106698

# Trichromacy



**Original Color**  
12367843

**Protanomaly**  
11975140

**Deuteranomaly**  
12302563

**Tritanomaly**  
12171987

# Monochromacy



**Original Color**  
12367843

**Achromatopsia**  
12500670

**Achromatomaly**  
12434379

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12367843 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 #BCB7E3 looks like.

```
.text, #text, p{  
    color:#BCB7E3  
}
```

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 #BCB7E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCB7E3
}
```

## Border

The CSS property to change the border of an element to Decimal 12367843 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
#BCB7E3 }
```

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

```
.border{ border-color:#BCB7E3 }
```

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

Here you see how a box with a 4 pixel #BCB7E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCB7E3; -webkit-box-shadow:4px 4px  
4px 4px #BCB7E3; box-shadow:4px 4px 4px  
4px #BCB7E3 }
```

# Background

The CSS property to change the background color of an element to Decimal 12367843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCB7E3 }
```

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

```
.background{ background-color:#BCB7E3 }
```

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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