

# Converting Colors

Decimal(12428001)

Have a look what the booklet for  
Decimal(12428001) contains.

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# **Color**

**Decimal(12428001)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDA2E1
RGB	189, 162, 225
RGB Percent	74%, 64%, 88%
CMY	0.2588, 0.3647, 0.1176
CMYK	0.16, 0.28, 0.00, 0.12
HSL	266°, 51%, 76%
HSV	266°, 28%, 88%
XYZ	47.4972, 42.0957, 76.8561
YIQ	177.2550, -4.1310, 25.3170

# Conversions

## Conversions Part 2

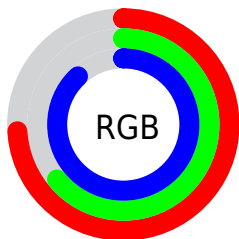
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 162, 225
Decimal	12428001
CIELab	70.94, 22.05, -28.18
CIELCh	71, 35.784, 308.037
Yxy	42.0957, 0.2854, 0.2529
Android (android.graphics.Color)	4290618081 (0xFFBDA2E1)
YUV	177.2550, 23.5383, 10.3004
Hunter-Lab	64.8812, 17.1313, -24.8161

# Details

The Decimal color **12428001** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **13033890**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **16177663**, and **8875690** is the 20% darker color. If you saturate the color by 10%, you get **11570145**, and if you desaturate by 10%, it is **13285857**.

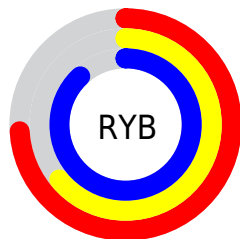
# Distribution



Red (74%)

Green (64%)

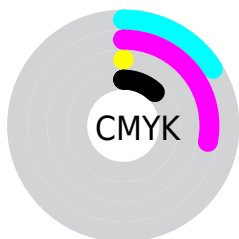
Blue (88%)



Red (74%)

Yellow (64%)

Blue (88%)

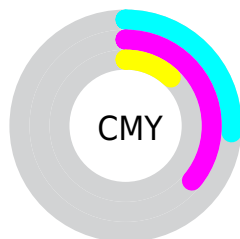


Cyan (16%)

Magenta (28%)

Yellow (0%)

Black (12%)



Cyan (26%)

Magenta (36%)














Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12428001 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 12428001 by changing the saturation by 10% instead.



 12428001	 12428001
16777215	 10651845
 16177663	 8875690
 16774911	 7165583
	 5521013
	 3942492
	 2364228
	 1179694
	 280
	 0

 12428001

 12428001

 11570145

 13285857

 10712545

 14143457

 9854945

 15001313

 9062625

 15793377

 8204769

 16646113

 7347169

 16777185

 6489569

 6291681

# Harmonies

## Analogous

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



9350894



12428001



14588103

# Triad

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



12428001



14197618



4702134

# Complementary

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



12428001



13033890

# 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.



7388564



12428001



12299884

# Square

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



12428001



15374727



9943161



3390933

# Rectangle

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



12428001



15373745



9943161



5554090



# Sweetspot

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



12428001



15985663



10668001



7893888



0



8421504



# Same Dimension

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



12428001



13478143



14459617



6972784



4915376



1376304



# Inverse Universe

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



14787270



16754906



11002274



7365995



11534437



3145756



# Previews

## White Background



This preview shows how the Decimal color 12428001 looks on a white background.

## Color Contrast Check

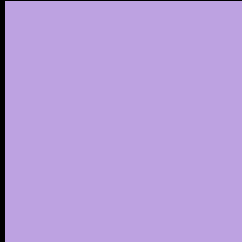
Large Text (above 18pt) WCAG AA × Fail

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 12428001 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

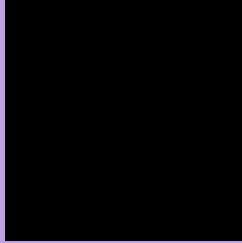
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12428001 Background



This preview shows how black text looks on a background with the Decimal color 12428001.



This preview shows how white text looks on a background with the Decimal color 12428001.

# 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**  
11971255

# Trichromacy



**Original Color**  
12428001

**Protanomaly**  
11118821

**Deuteranomaly**  
11380960

**Tritanomaly**  
12167110

# Monochromacy



**Original Color**  
12428001

**Achromatopsia**  
11645361

**Achromatomaly**  
11906242

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12428001 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 #BDA2E1 looks like.

```
.text, #text, p{  
  color:#BDA2E1  
}
```

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 #BDA2E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDA2E1  
}
```

## Border

The CSS property to change the border of an element to Decimal 12428001 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  
#BDA2E1 }
```

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

```
.border{ border-color:#BDA2E1 }
```

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

Here you see how a box with a 4 pixel #BDA2E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDA2E1; -webkit-box-shadow:4px 4px  
4px 4px #BDA2E1; box-shadow:4px 4px 4px  
4px #BDA2E1 }
```

# Background

The CSS property to change the background color of an element to Decimal 12428001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDA2E1 }
```

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

```
.background{ background-color:#BDA2E1 }
```

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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