

# Converting Colors

Decimal(12428762)

Have a look what the booklet for  
Decimal(12428762) contains.

<b>Decimal(12428762)</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(12428762)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDA5DA
RGB	189, 165, 218
RGB Percent	74%, 65%, 85%
CMY	0.2588, 0.3529, 0.1451
CMYK	0.13, 0.24, 0.00, 0.15
HSL	267°, 42%, 75%
HSV	267°, 24%, 85%
XYZ	47.0963, 42.7910, 72.1069
YIQ	178.2180, -2.7090, 21.5710

# Conversions

## Conversions Part 2

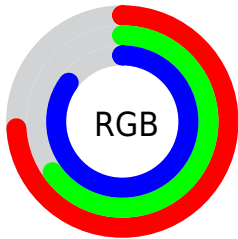
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 165, 218
Decimal	12428762
CIELab	71.41, 18.88, -23.62
CIELCh	71, 30.234, 308.637
Yxy	42.7910, 0.2907, 0.2642
Android (android.graphics.Color)	4290618842 (0xFFBDA5DA)
YUV	178.2180, 19.6125, 9.4558
Hunter-Lab	65.4149, 14.0374, -19.5651

# Details

The Decimal color **12428762** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **12769957**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **16178431**, and **8876451** is the 20% darker color. If you saturate the color by 10%, you get **11636698**, and if you desaturate by 10%, it is **13220826**.

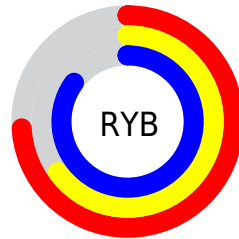
# Distribution



Red (74%)

Green (65%)

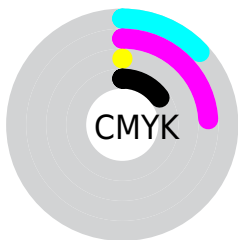
Blue (85%)



Red (74%)

Yellow (65%)

Blue (85%)

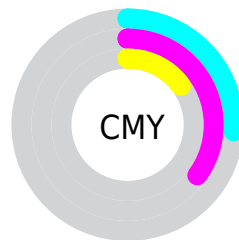


Cyan (13%)

Magenta (24%)

Yellow (0%)

Black (15%)



Cyan (26%)

Magenta (35%)















Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12428762 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 12428762 by changing the saturation by 10% instead.



 12428762	 12428762
 16777215	 10652606
 16178431	 8876451
 16775679	 7166089
	 5587311
	 4008790
	 2496063
	 1310761
	 275
	 0

 12428762

 12428762

 11636698

 13220826

 10844634


 14012890

 10052826

 14804698

 9260762

 15596762

 8468698

 16383962

 7676634

 16777178

 6950106

 6488282

# Harmonies

## Analogous

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



9940965



12428762



14261700

# Triad

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



12428762



13870716



6340278

# Complementary

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



12428762



12769957

# 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.



8175002



12428762



12234872

# Square

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



12428762



14917262



10270851



5815504

# Rectangle

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



12428762



14916529



10270851



6864557



# Sweetspot

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



12428762



16117247



10863322



8025472



0



8421504



# Same Dimension

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



12428762



14136831



14132698



6841198



5177517



1376302



# Inverse Universe

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



14329282



16758238



11066021



7234409



11337823



3014681



# Previews

## White Background



This preview shows how the Decimal color 12428762 looks on a white background.

## Color Contrast Check

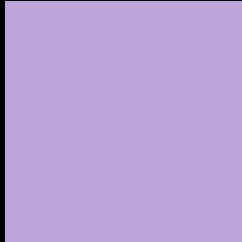
Large Text (above 18pt) WCAG AA × Fail

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 12428762 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

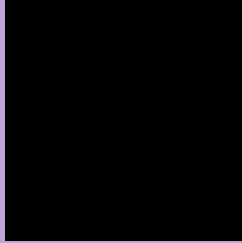
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12428762 Background



This preview shows how black text looks on a background with the Decimal color 12428762.

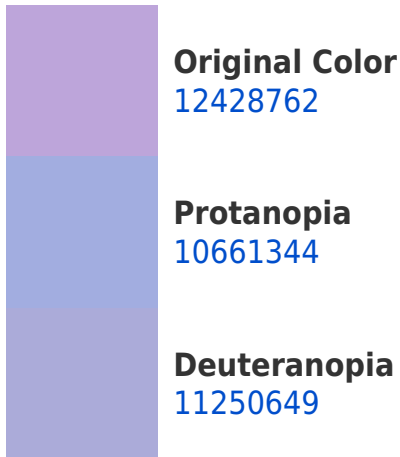



This preview shows how white text looks on a background with the Decimal color 12428762.

# 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



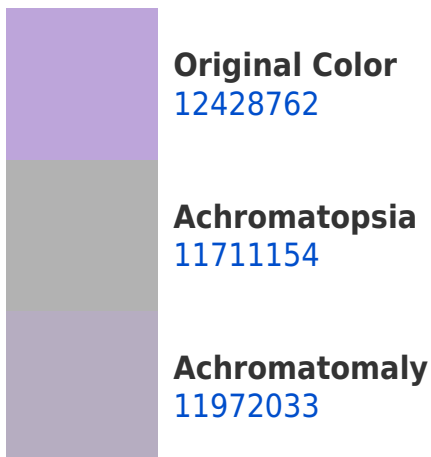


**Tritanopia**  
12102585

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12428762 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 #BDA5DA looks like.

```
.text, #text, p{  
    color:#BDA5DA  
}
```

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 #BDA5DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDA5DA
}
```

## Border

The CSS property to change the border of an element to Decimal 12428762 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
#BDA5DA }
```

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

```
.border{ border-color:#BDA5DA }
```

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

Here you see how a box with a 4 pixel #BDA5DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDA5DA; -webkit-box-shadow:4px 4px  
4px 4px #BDA5DA; box-shadow:4px 4px 4px  
4px #BDA5DA }
```

# Background

The CSS property to change the background color of an element to Decimal 12428762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDA5DA }
```

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

```
.background{ background-color:#BDA5DA }
```

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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