

# Converting Colors

Decimal(12428500)

Have a look what the booklet for  
Decimal(12428500) contains.

<b>Decimal(12428500)</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(12428500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDA4D4
RGB	189, 164, 212
RGB Percent	74%, 64%, 83%
CMY	0.2588, 0.3569, 0.1686
CMYK	0.11, 0.23, 0.00, 0.17
HSL	271°, 36%, 74%
HSV	271°, 23%, 83%
XYZ	46.1454, 42.1232, 67.9858
YIQ	176.9470, -0.5080, 20.2280

# Conversions

## Conversions Part 2

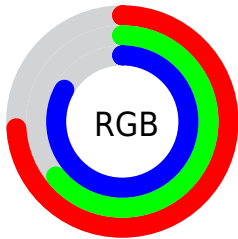
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 164, 212
Decimal	12428500
CIELab	70.96, 18.17, -21.02
CIELCh	71, 27.782, 310.838
Yxy	42.1232, 0.2953, 0.2696
Android (android.graphics.Color)	4290618580 (0xFFBDA4D4)
YUV	176.9470, 17.2811, 10.5705
Hunter-Lab	64.9024, 13.3337, -16.6751

# Details

The Decimal color **12428500** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **12309668**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **16178175**, and **8876189** is the 20% darker color. If you saturate the color by 10%, you get **11767764**, and if you desaturate by 10%, it is **13089236**.

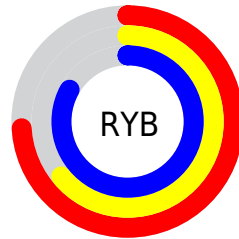
# Distribution



Red (74%)

Green (64%)

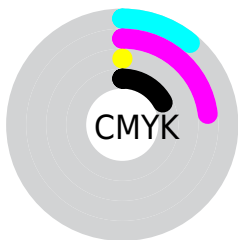
Blue (83%)



Red (74%)

Yellow (64%)

Blue (83%)

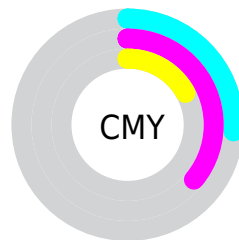


Cyan (11%)

Magenta (23%)

Yellow (0%)

Black (17%)



Cyan (26%)

Magenta (36%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12428500 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 12428500 by changing the saturation by 10% instead.



■ 12428500

■ 12428500

16777215

■ 10652344

■ 16178175

■ 8876189

■ 16775423

■ 7231619

■ 5587050

■ 4008529

■ 2495802


■ 1376293

■ 269


■ 0

 12428500

 12428500

 11767764

 13089236


 11107028

 13749972

 10446036

 14410964

 9719764

 15137236

 9059028

 15794132

 8398292

 16449492

 7737556

 16777172

 7209172

# Harmonies

## Analogous

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



10202591



12428500



14065087

# Triad

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



12428500



13543294



6732982

# Complementary

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



12428500



12309668

# 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.



8239772



12428500



12038012

# Square

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



12428500



14524302



10139271



6470350

# Rectangle

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



12428500



14588846



10139271



7191725



# Sweetspot

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



12428500



16182783



10795988



8091008



0



8421504



# Same Dimension

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



12428500



14596863



13935827



6709355



5832875



1507371



# Inverse Universe

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



13935803



16759515



10802341



7037030



11206738



2818069



# Previews

## White Background



This preview shows how the Decimal color 12428500 looks on a white background.

## Color Contrast Check

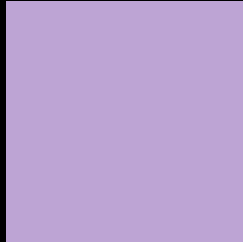
Large Text (above 18pt) WCAG AA × Fail

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 12428500 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

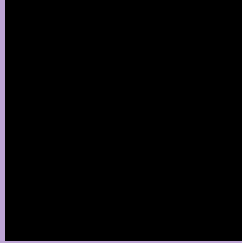
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12428500 Background



This preview shows how black text looks on a background with the Decimal color 12428500.

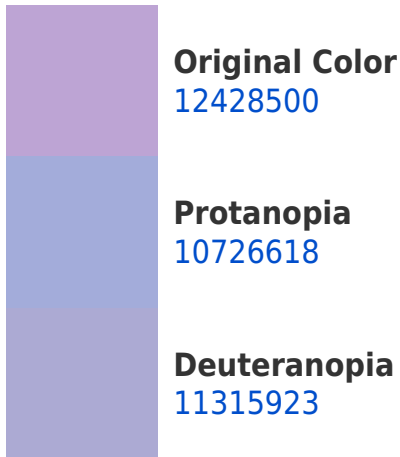


This preview shows how white text looks on a background with the Decimal color 12428500.

# 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**  
12102071

# Trichromacy



**Original Color**  
12428500

**Protanomaly**  
11315672

**Deuteranomaly**  
11708627

**Tritanomaly**  
12232642

# Monochromacy



**Original Color**  
12428500

**Achromatopsia**  
11645361

**Achromatomaly**  
11906238

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12428500 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 #BDA4D4 looks like.

```
.text, #text, p{  
    color:#BDA4D4  
}
```

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 #BDA4D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDA4D4
}
```

## Border

The CSS property to change the border of an element to Decimal 12428500 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
#BDA4D4 }
```

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

```
.border{ border-color:#BDA4D4 }
```

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

Here you see how a box with a 4 pixel #BDA4D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDA4D4; -webkit-box-shadow:4px 4px  
4px 4px #BDA4D4; box-shadow:4px 4px 4px  
4px #BDA4D4 }
```

# Background

The CSS property to change the background color of an element to Decimal 12428500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDA4D4 }
```

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

```
.background{ background-color:#BDA4D4 }
```

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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