

# Converting Colors

Decimal(12818393)

Have a look what the booklet for  
Decimal(12818393) contains.

<b>Decimal(12818393)</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(12818393)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C397D9
RGB	195, 151, 217
RGB Percent	76%, 59%, 85%
CMY	0.2353, 0.4078, 0.1490
CMYK	0.10, 0.30, 0.00, 0.15
HSL	280°, 46%, 72%
HSV	280°, 30%, 85%
XYZ	46.0967, 38.7451, 70.6946
YIQ	171.6800, 5.0380, 29.8540

# Conversions

## Conversions Part 2

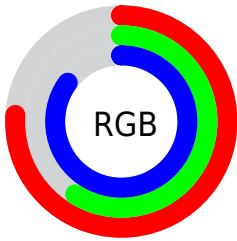
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 151, 217
Decimal	12818393
CIELab	68.57, 28.33, -27.38
CIELCh	69, 39.397, 315.976
Yxy	38.7451, 0.2964, 0.2491
Android (android.graphics.Color)	4291008473 (0xFFC397D9)
YUV	171.6800, 22.3428, 20.4516
Hunter-Lab	62.2455, 23.2606, -23.7660

# Details

The Decimal color **12818393** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11393431**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16568063**, and **9200802** is the 20% darker color. If you saturate the color by 10%, you get **12354009**, and if you desaturate by 10%, it is **13282777**.

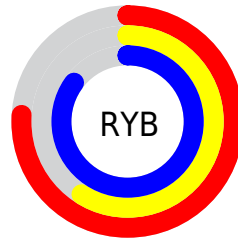
# Distribution



Red (76%)

Green (59%)

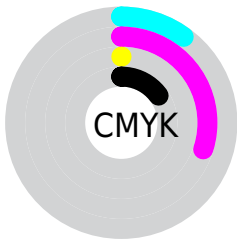
Blue (85%)



Red (76%)

Yellow (59%)

Blue (85%)

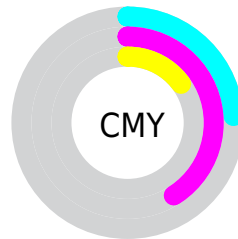


Cyan (10%)

Magenta (30%)

Yellow (0%)

Black (15%)



Cyan (24%)

Magenta (41%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12818393 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 12818393 by changing the saturation by 10% instead.



 12818393

 12818393

16777215

 10976701

 16568063

 9200802

 16771839

 7490440

 5846126

 4201813

 2688574

 1376296

 273

 0

 12818393

 12818393

 12354009

 13282777

 11889881

 13746905

 11359961

 14276825

 10895577

 14741209

 10431449

 15204313

 9967065

 15663065

 9502937

 16187353

 16646105

 16777177

# Harmonies

## Analogous

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



9610476



12818393



14847417

# Triad

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



12818393



13475682



506554

# Complementary

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



12818393



11393431

# 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.



5552533



12818393



11250529

# Square

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



12818393



14979958



8631412



47065

# Rectangle

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



12818393



15436705



8631412



2865837



# Sweetspot

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



12818393



16247039



9940441



8089984



0



8421504



# Same Dimension

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



12818393



14722047



14260175



6972270



7602349



2031662



# Inverse Universe

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



14260141



16753602



9951649



7234406



11337786



3014671



# Previews

## White Background



This preview shows how the Decimal color 12818393 looks on a white background.

## Color Contrast Check

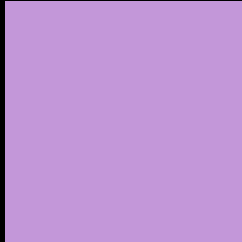
Large Text (above 18pt) WCAG AA × Fail

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 12818393 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

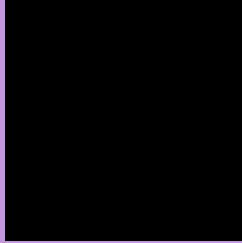
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12818393 Background



This preview shows how black text looks on a background with the Decimal color 12818393.

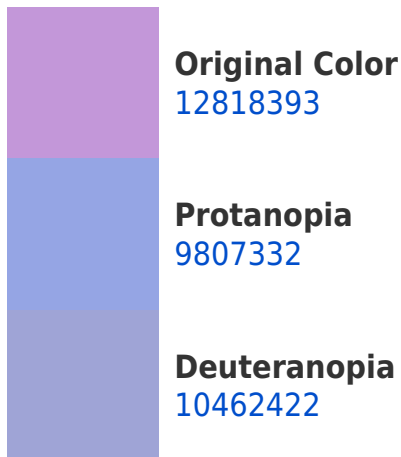



This preview shows how white text looks on a background with the Decimal color 12818393.

# 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**  
12361900

# Trichromacy



**Original Color**  
12818393



**Protanomaly**  
10920160



**Deuteranomaly**  
11313111



**Tritanomaly**  
12557756

# Monochromacy



**Original Color**  
12818393



**Achromatopsia**  
11316396



**Achromatomaly**  
11838652

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12818393 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 #C397D9 looks like.

```
.text, #text, p{  
  color:#C397D9  
}
```

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 #C397D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C397D9
}
```

## Border

The CSS property to change the border of an element to Decimal 12818393 is called "border". The border property can be set on classes, ids or directly on the HTML element.

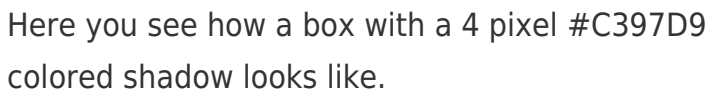
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C397D9 }
```

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

```
.border{ border-color:#C397D9 }
```

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



Here you see how a box with a 4 pixel `#C397D9` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C397D9; -webkit-box-shadow:4px 4px  
4px 4px #C397D9; box-shadow:4px 4px 4px  
4px #C397D9 }
```

# Background

The CSS property to change the background color of an element to Decimal 12818393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C397D9 }
```

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

```
.background{ background-color:#C397D9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor