

# Converting Colors

Decimal(12817841)

Have a look what the booklet for  
Decimal(12817841) contains.

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# **Color**

**Decimal(12817841)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C395B1
RGB	195, 149, 177
RGB Percent	76%, 58%, 69%
CMY	0.2353, 0.4157, 0.3059
CMYK	0.00, 0.24, 0.09, 0.24
HSL	323°, 28%, 67%
HSV	323°, 24%, 76%
XYZ	41.1889, 36.2713, 46.4251
YIQ	165.9460, 18.4280, 18.4600

# Conversions

## Conversions Part 2

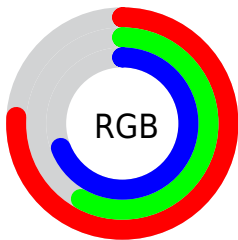
Format	Color
<a href="#">RYB</a>	<a href="#">195, 149, 177</a>
Decimal	<a href="#">12817841</a>
CIELab	<a href="#">66.73, 21.79, -7.90</a>
CIElCh	<a href="#">67, 23.178, 340.073</a>
Yxy	<a href="#">36.2713, 0.3325, 0.2928</a>
Android (android.graphics.Color)	<a href="#">4291007921</a> ( <a href="#">0xFFC395B1</a> )
YUV	<a href="#">165.9460, 5.4496, 25.4804</a>
Hunter-Lab	<a href="#">60.2257, 16.6830, -3.5459</a>

# Details

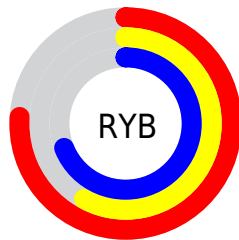
The Decimal color **12817841** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9814951**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **16567273**, and **9265788** is the 20% darker color. If you saturate the color by 10%, you get **12812969**, and if you desaturate by 10%, it is **12822969**.

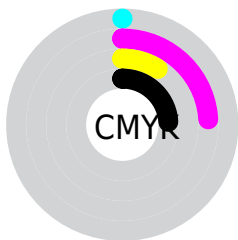
# Distribution



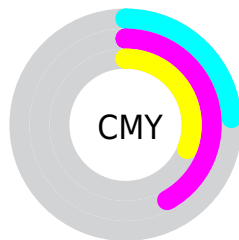
- Red (76%)
- Green (58%)
- Blue (69%)



- Red (76%)
- Yellow (58%)
- Blue (69%)



- Cyan (0%)
- Magenta (24%)
- Yellow (9%)
- Black (24%)



- Cyan (24%)
- Magenta (42%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12817841 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 12817841 by changing the saturation by 10% instead.



 12817841

 12817841

16777215

 11041686

 16567273

 9265788

 16771327

 7555684

 5911116

 4332597

 2819616

 1048582

 0

 12817841

 12817841

 12812969

 12822969

 12807842

 12827840

 12802970

 12832712

 12797842

 12837840

 12792971

 12842967

 12787843

 12845023

 12782972

 12845030

 12779639

 12845038

 12845046

# Harmonies

## Analogous

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



11443138



12817841



13472668

# Triad

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



12817841



11248505



6794684

# Complementary

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



12817841



9814951

# 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.



6991529



12817841



9677186

# Square

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



12817841



12491900



8170899



7841993

# Rectangle

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



12817841



13407630



8170899



6729142



# Sweetspot

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



12817841



16575478



10982851



8418684



0



8421504



# Same Dimension

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



12817841



16561889



12817818



6379357



10551394



2162708



# Inverse Universe

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



12817841



16561889



9814974



6379357



10551394

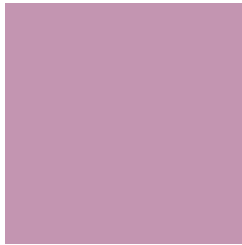


2162708



# Previews

## White Background



This preview shows how the Decimal color 12817841 looks on a white background.

## Color Contrast Check

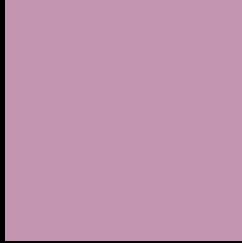
Large Text (above 18pt) WCAG AA × Fail

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 12817841 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

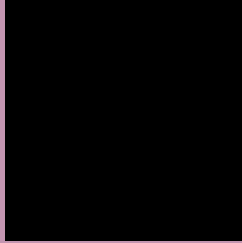
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12817841 Background



This preview shows how black text looks on a background with the Decimal color 12817841.



This preview shows how white text looks on a background with the Decimal color 12817841.

# 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**  
12817841

**Protanopia**  
10461625

**Deuteranopia**  
11378351



**Tritanopia**  
12687267

# Trichromacy



**Original Color**  
12817841

**Protanomaly**  
11312566

**Deuteranomaly**  
11901872

**Tritanomaly**  
12752552

# Monochromacy



**Original Color**  
12817841

**Achromatopsia**  
10921638

**Achromatomaly**  
11641002

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12817841 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 #C395B1 looks like.

```
.text, #text, p{  
    color:#C395B1  
}
```

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 #C395B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C395B1
}
```

## Border

The CSS property to change the border of an element to Decimal 12817841 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
#C395B1 }
```

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

```
.border{ border-color:#C395B1 }
```

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

Here you see how a box with a 4 pixel #C395B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C395B1; -webkit-box-shadow:4px 4px  
4px 4px #C395B1; box-shadow:4px 4px 4px  
4px #C395B1 }
```

# Background

The CSS property to change the background color of an element to Decimal 12817841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C395B1 }
```

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

```
.background{ background-color:#C395B1 }
```

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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