

# Converting Colors

Decimal(12943790)

Have a look what the booklet for  
Decimal(12943790) contains.

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# **Color**

**Decimal(12943790)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C581AE
RGB	197, 129, 174
RGB Percent	77%, 51%, 68%
CMY	0.2275, 0.4941, 0.3176
CMYK	0.00, 0.35, 0.12, 0.23
HSL	320°, 37%, 64%
HSV	320°, 35%, 77%
XYZ	38.5162, 30.6268, 43.9259
YIQ	154.4620, 26.0830, 28.4110

# Conversions

## Conversions Part 2

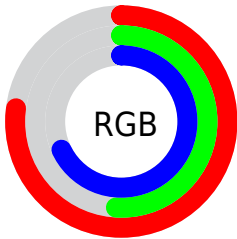
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 129, 174
Decimal	12943790
CIE <sub>Lab</sub>	62.19, 32.97, -12.97
CIE <sub>LCh</sub>	62, 35.430, 338.530
Yxy	30.6268, 0.3406, 0.2709
Android (android.graphics.Color)	4291133870 (0xFFC581AE)
YUV	154.4620, 9.6322, 37.3058
Hunter-Lab	55.3415, 27.3836, -8.3209

# Details

The Decimal color **12943790** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8504728**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **16758758**, and **9326202** is the 20% darker color. If you saturate the color by 10%, you get **12938663**, and if you desaturate by 10%, it is **12948917**.

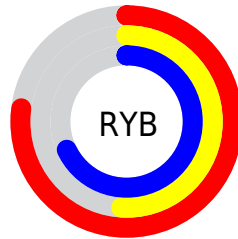
# Distribution



Red (77%)

Green (51%)

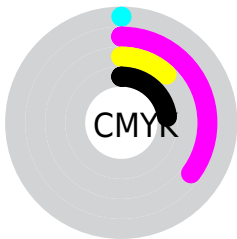
Blue (68%)



Red (77%)

Yellow (51%)

Blue (68%)

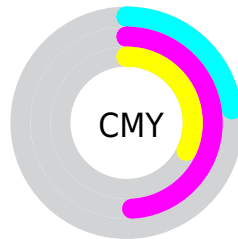


Cyan (0%)

Magenta (35%)

Yellow (12%)

Black (23%)



Cyan (23%)

Magenta (49%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12943790 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 12943790 by changing the saturation by 10% instead.



 12943790

 12943790

16777215

 11102099

 16758758

 9326202

 16765951

 7616097

 16773119

 5905993

 4260914

 2818077

 0

 12943790

 12943790

 12938663

 12948917

 12933793

 12953787

 12928666

 12958914

 12923539

 12964041

 12918413

 12969167

 12913542

 12974038

 12910722

 12976093

 12976099

 12976106

# Harmonies

## Analogous

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



10914760



12943790



13860494

# Triad

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



12943790



10655575



42428

# Complementary

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



12943790



8504728

# 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.



2664351



12943790



8429668

# Square

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



12943790



12488028



5875070



4038864

# Rectangle

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



12943790



13795450



5875070



42675



# Sweetspot

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



12943790



16770806



9994693



8417402



0



8421504



# Same Dimension

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



12943790



16750300



12943756



6511200



10682476



2359320



# Inverse Universe

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



12943790



16750300



8504762



6511200



10682476

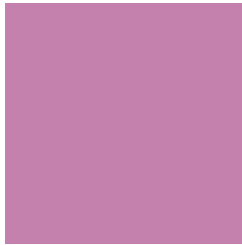


2359320



# Previews

## White Background



This preview shows how the Decimal color 12943790 looks on a white background.

## Color Contrast Check

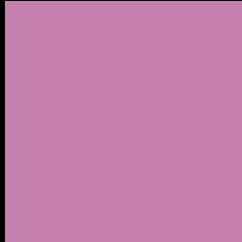
Large Text (above 18pt) WCAG AA × Fail

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 12943790 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

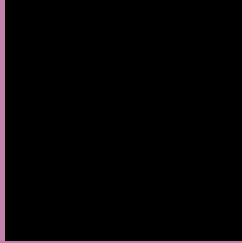
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12943790 Background



This preview shows how black text looks on a background with the Decimal color 12943790.

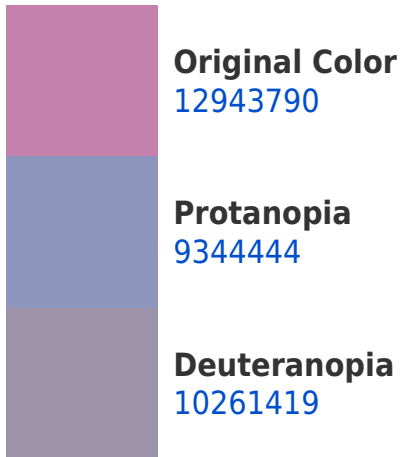


This preview shows how white text looks on a background with the Decimal color 12943790.

# 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**  
12748433

# Trichromacy



**Original Color**  
12943790

**Protanomaly**  
10653367

**Deuteranomaly**  
11242668

**Tritanomaly**  
12813468

# Monochromacy



**Original Color**  
12943790

**Achromatopsia**  
10132122

**Achromatomaly**  
11178401

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12943790 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 #C581AE looks like.

```
.text, #text, p{  
  color:#C581AE  
}
```

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 #C581AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C581AE
}
```

## Border

The CSS property to change the border of an element to Decimal 12943790 is called "border". The border property can be set on classes, ids or directly on the HTML element.

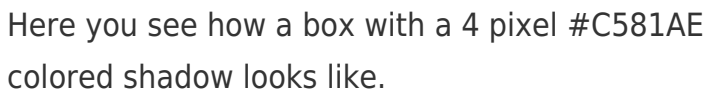
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C581AE }
```

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

```
.border{ border-color:#C581AE }
```

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



Here you see how a box with a 4 pixel `#C581AE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C581AE; -webkit-box-shadow:4px 4px  
4px 4px #C581AE; box-shadow:4px 4px 4px  
4px #C581AE }
```

# Background

The CSS property to change the background color of an element to Decimal 12943790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C581AE }
```

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

```
.background{ background-color:#C581AE }
```

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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