

# Converting Colors

Decimal(12745173)

Have a look what the booklet for  
Decimal(12745173) contains.

<b>Decimal(12745173)</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(12745173)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C279D5
RGB	194, 121, 213
RGB Percent	76%, 47%, 84%
CMY	0.2392, 0.5255, 0.1647
CMYK	0.09, 0.43, 0.00, 0.16
HSL	288°, 52%, 65%
HSV	288°, 43%, 84%
XYZ	41.0957, 29.9482, 66.5654
YIQ	153.3150, 13.9760, 44.0880

# Conversions

## Conversions Part 2

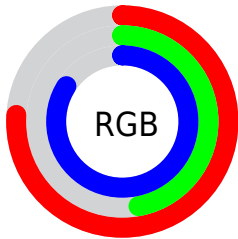
Format	Color
<a href="#">RYB</a>	<a href="#">194, 121, 213</a>
Decimal	<a href="#">12745173</a>
CIELab	<a href="#">61.61, 43.56, -35.93</a>
CIELCh	<a href="#">62, 56.470, 320.481</a>
Yxy	<a href="#">29.9482, 0.2986, 0.2176</a>
Android (android.graphics.Color)	<a href="#">4290935253 (0xFFC279D5)</a>
YUV	<a href="#">153.3150, 29.4247, 35.6807</a>
Hunter-Lab	<a href="#">54.7249, 38.2762, -33.8107</a>

# Details

The Decimal color **12745173** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **9229689**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **16560127**, and **9127582** is the 20% darker color. If you saturate the color by 10%, you get **12477653**, and if you desaturate by 10%, it is **13012693**.

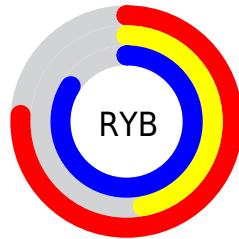
# Distribution



Red (76%)

Green (47%)

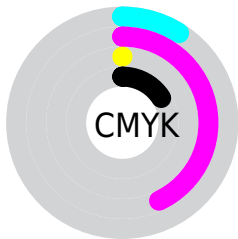
Blue (84%)



Red (76%)

Yellow (47%)

Blue (84%)

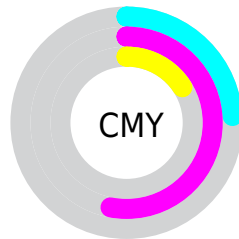


Cyan (9%)

Magenta (43%)

Yellow (0%)

Black (16%)



Cyan (24%)

Magenta (53%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12745173 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 12745173 by changing the saturation by 10% instead.



 12745173

 12745173

16777215

 10903481

 16560127

 9127582

 16763903

 7351428

 16771071

 5640554

 3932241

 2490426

 35

 10


 0

 12745173

 12745173

 12477653

 13012693

 12144341

 13346005

 11876821

 13613525

 11543765

 13946581

 11275989

 14214357

 11075797

 14481877

 14811093

 15073237

 15400917

# Harmonies

## Analogous

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



8031987



12745173



15231399

# Triad

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



12745173



12422444



44470

# Complementary

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



12745173



9229689

# 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.



44163



12745173



9346351

# Square

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



12745173



14711113



5351250



43489

# Rectangle

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



12745173



15755141



5351250



44453



# Sweetspot

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



12745173



16310015



7966165



8088448



0



8421504



# Same Dimension

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



12745173



14973695



13990331



6905963



8913067



2228267



# Inverse Universe

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



13990284



16743062



7984531



7037027



11206691

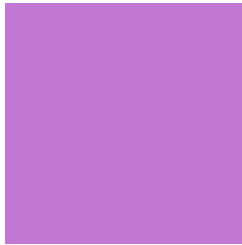


2818057



# Previews

## White Background



This preview shows how the Decimal color 12745173 looks on a white background.

## Color Contrast Check

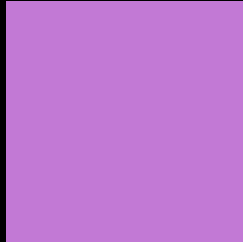
Large Text (above 18pt) WCAG AA ✓ Pass

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 12745173 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

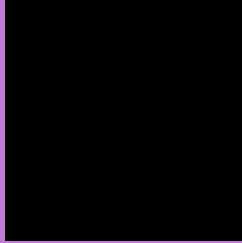
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12745173 Background



This preview shows how black text looks on a background with the Decimal color 12745173.

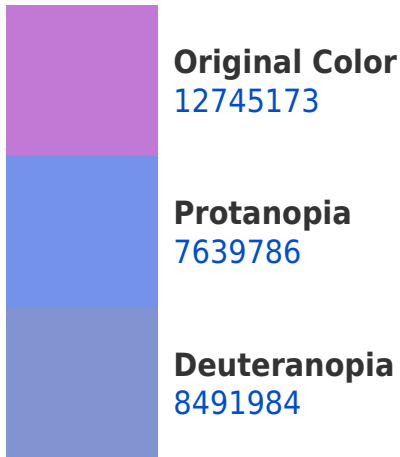



This preview shows how white text looks on a background with the Decimal color 12745173.

# 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](#).

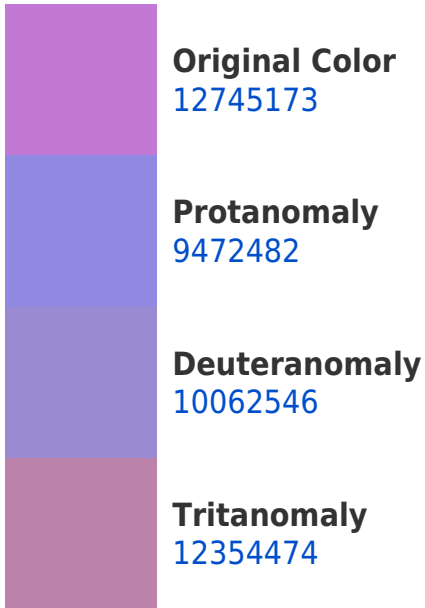
## Dichromacy





**Tritanopia**  
12159122

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12745173 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 #C279D5 looks like.

```
.text, #text, p{  
  color:#C279D5  
}
```

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 #C279D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C279D5
}
```

## Border

The CSS property to change the border of an element to Decimal 12745173 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
#C279D5 }
```

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

```
.border{ border-color:#C279D5 }
```

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

Here you see how a box with a 4 pixel #C279D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C279D5; -webkit-box-shadow:4px 4px  
4px 4px #C279D5; box-shadow:4px 4px 4px  
4px #C279D5 }
```

# Background

The CSS property to change the background color of an element to Decimal 12745173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C279D5 }
```

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

```
.background{ background-color:#C279D5 }
```

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