

# Converting Colors

Decimal(12740009)

Have a look what the booklet for  
Decimal(12740009) contains.

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# **Color**

**Decimal(12740009)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C265A9                     |
| RGB           | 194, 101, 169              |
| RGB Percent   | 76%, 40%, 66%              |
| CMY           | 0.2392, 0.6039, 0.3373     |
| CMYK          | 0.00, 0.48, 0.13, 0.24     |
| HSL           | 316°, 43%, 58%             |
| HSV           | 316°, 48%, 76%             |
| XYZ           | 34.0632, 23.6413, 40.3040  |
| YIQ           | 136.5590, 33.6000, 40.8640 |

# Conversions

## Conversions Part 2

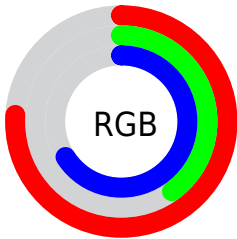
| Format  | Color  |
|---|--|
| <a href="#">RYB</a>                                   | <a href="#">194, 101, 169</a>                                |
| Decimal   | <a href="#">12740009</a>                                     |
| <a href="#">CIELab</a>                                | <a href="#">55.73, 45.99, -19.93</a>                         |
| <a href="#">CIElCh</a>                                | <a href="#">56, 50.123, 336.565</a>                          |
| <a href="#">Yxy</a>                                   | <a href="#">23.6413, 0.3476,<br/>0.2412</a>                  |
| Android<br>( <a href="#">android.graphics.Color</a> ) | <a href="#">4290930089</a><br>( <a href="#">0xFFC265A9</a> ) |
| <a href="#">YUV</a>                                   | <a href="#">136.5590, 15.9934,<br/>50.3758</a>               |
| <a href="#">Hunter-Lab</a>                            | <a href="#">48.6223, 39.9625,<br/>-15.1111</a>               |

# Details

The Decimal color **12740009** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6668926**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **16554976**, and **9056629** is the 20% darker color. If you saturate the color by 10%, you get **12735140**, and if you desaturate by 10%, it is **12744878**.

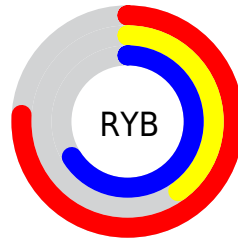
# Distribution



Red (76%)

Green (40%)

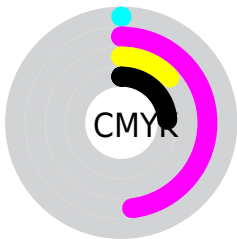
Blue (66%)



Red (76%)

Yellow (40%)

Blue (66%)

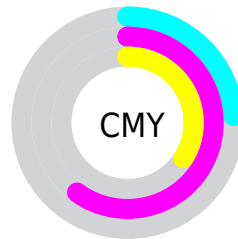


Cyan (0%)

Magenta (48%)

Yellow (13%)

Black (24%)



Cyan (24%)

Magenta (60%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12740009 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 12740009 by changing the saturation by 10% instead.



 12740009

 12740009

16777215

 10898318

 16554976

 9056629

 16758525

 7279708

 16765951

 5570628

 16773119

 3932206

 2359321

 0

 12740009

 12740009

 12735140

 12744878

 12730015

 12750003

 12725145

 12754873

 12720020

 12759998

 12715151

 12764867

 12714126

 12769736

 12774862

 12779475

 12779480

# Harmonies

## Analogous

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



9729740



12740009



13983358

# Triad

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



12740009



9733672



39352

# Complementary

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



12740009



6668926

# 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.



39822



12740009



6722108

# Square

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



12740009



12154676



1677409



37845

# Rectangle

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



12740009



13918817



1677409



39595



# Sweetspot

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



12740009



16570867



8283586



8415866



0



8421504



# Same Dimension

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



12740009



16542421



12739963



6379358



10551413



2162712



# Inverse Universe

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



12740009



16542421



6668972



6379358



10551413



2162712



# Previews

## White Background



This preview shows how the Decimal color 12740009 looks on a white background.

## Color Contrast Check

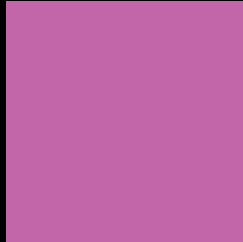
Large Text (above 18pt) WCAG AA ✓ Pass

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 12740009 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 12740009 Background



This preview shows how black text looks on a background with the Decimal color 12740009.




This preview shows how white text looks on a background with the Decimal color 12740009.

# 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**  
12415096

# Trichromacy



**Original Color**  
12740009



**Protanomaly**  
9468344



**Deuteranomaly**  
10188966



**Tritanomaly**  
12545162

# Monochromacy



**Original Color**  
12740009



**Achromatopsia**  
9013641



**Achromatomaly**  
10386581

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12740009 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 #C265A9 looks like.

```
.text, #text, p{  
    color:#C265A9  
}
```

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 #C265A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C265A9
}
```

## Border

The CSS property to change the border of an element to Decimal 12740009 is called "border". The border property can be set on classes, ids or directly on the HTML element.

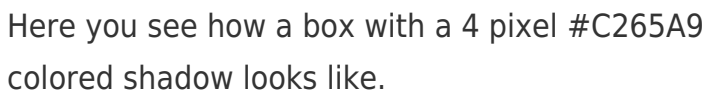
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C265A9 }
```

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

```
.border{ border-color:#C265A9 }
```

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



Here you see how a box with a 4 pixel `#C265A9` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C265A9; -webkit-box-shadow:4px 4px  
4px 4px #C265A9; box-shadow:4px 4px 4px  
4px #C265A9 }
```

# Background

The CSS property to change the background color of an element to Decimal 12740009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C265A9 }
```

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

```
.background{ background-color:#C265A9 }
```

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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