

# Converting Colors

Decimal(12793804)

Have a look what the booklet for  
Decimal(12793804) contains.

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# **Color**

**Decimal(12793804)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C337CC
RGB	195, 55, 204
RGB Percent	76%, 22%, 80%
CMY	0.2353, 0.7843, 0.2000
CMYK	0.04, 0.73, 0.00, 0.20
HSL	296°, 59%, 51%
HSV	296°, 73%, 80%
XYZ	34.7709, 18.6941, 58.9024
YIQ	113.8460, 35.6110, 76.0190

# Conversions

## Conversions Part 2

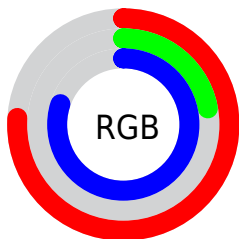
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 55, 204
Decimal	12793804
CIELab	50.33, 71.70, -48.60
CIELCh	50, 86.626, 325.869
Yxy	18.6941, 0.3094, 0.1664
Android (android.graphics.Color)	4290983884 (0xFFC337CC)
YUV	113.8460, 44.4459, 71.1721
Hunter-Lab	43.2367, 67.8855, -50.5066

# Details

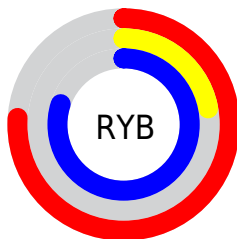
The Decimal color **12793804** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **4246583**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **16741375**, and **8978581** is the 20% darker color. If you saturate the color by 10%, you get **12723148**, and if you desaturate by 10%, it is **12864460**.

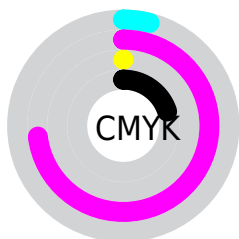
# Distribution



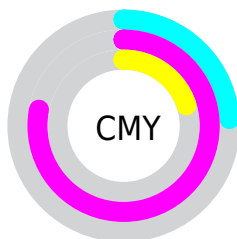
- Red (76%)
- Green (22%)
- Blue (80%)



- Red (76%)
- Yellow (22%)
- Blue (80%)



- Cyan (4%)
- Magenta (73%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (78%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12793804 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 12793804 by changing the saturation by 10% instead.



 12793804

 12793804

16777215

 10881712

 16741375

 8978581

 16748799

 7143547

 16756223

 5308513

 16763647

 3670089

 16771327

 1638449

 283

 0

 12793804

 12793804

■ 12723148

■ 12864460

■ 12652236

■ 12935372

■ 12583116

■ 13071564

■ 13142476

■ 13213132

■ 13283788

■ 13420236

■ 13490892

■ 13561804

# Harmonies

## Analogous

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



4811263



12793804



15663237

# Triad

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



12793804



10187264



38583

# Complementary

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



12793804



4246583

# 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.



38251



12793804



5473792

# Square

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



12793804



13651456



36884



37619

# Rectangle

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



12793804



15990869



36884



38558



# Sweetspot

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



12793804



16566271



3621324



8216192



0



8421504



# Same Dimension

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



12793804



15802367



13383563



6642790



10223782



2359334



# Inverse Universe

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



13383488



16719660



3656824



6708316



10878986

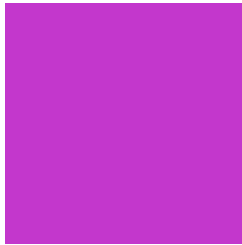


2490370



# Previews

## White Background



This preview shows how the Decimal color 12793804 looks on a white background.

## Color Contrast Check

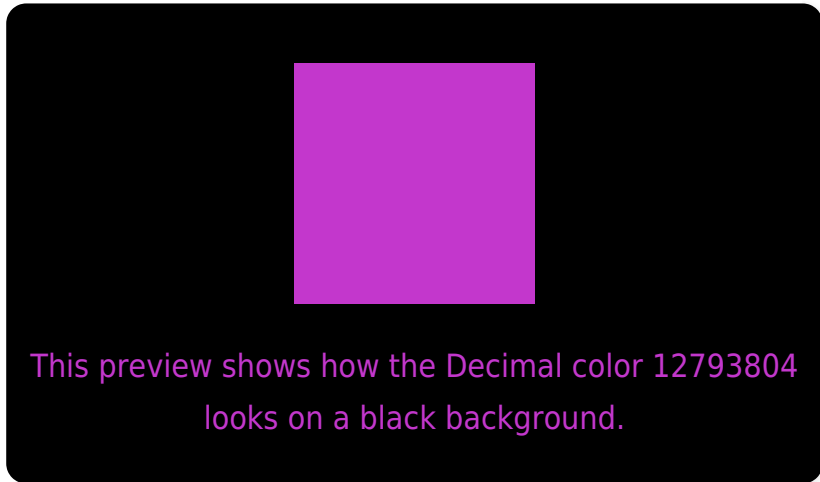
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

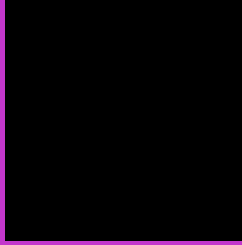
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12793804 Background



This preview shows how black text looks on a background with the Decimal color 12793804.




This preview shows how white text looks on a background with the Decimal color 12793804.

# 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**  
11951203

# Trichromacy



**Original Color**

12793804



**Protanomaly**

4677351



**Deuteranomaly**

7889350



**Tritanomaly**

12275593

# Monochromacy



**Original Color**

12793804



**Achromatopsia**

7500402



**Achromatomaly**

9395603

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12793804 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 #C337CC looks like.

```
.text, #text, p{  
    color:#C337CC  
}
```

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 #C337CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C337CC
}
```

## Border

The CSS property to change the border of an element to Decimal 12793804 is called "border". The border property can be set on classes, ids or directly on the HTML element.

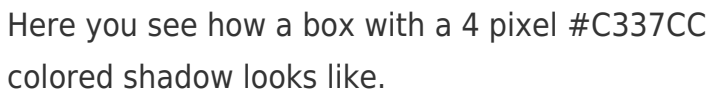
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C337CC }
```

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

```
.border{ border-color:#C337CC }
```

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



Here you see how a box with a 4 pixel `#C337CC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C337CC; -webkit-box-shadow:4px 4px  
4px 4px #C337CC; box-shadow:4px 4px 4px  
4px #C337CC }
```

# Background

The CSS property to change the background color of an element to Decimal 12793804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C337CC }
```

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

```
.background{ background-color:#C337CC }
```

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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