

# Converting Colors

Decimal(12980686)

Have a look what the booklet for  
Decimal(12980686) contains.

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**Color**

**Decimal(12980686)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C611CE
RGB	198, 17, 206
RGB Percent	78%, 7%, 81%
CMY	0.2235, 0.9333, 0.1922
CMYK	0.04, 0.92, 0.00, 0.19
HSL	297°, 85%, 44%
HSV	297°, 92%, 81%
XYZ	34.6297, 16.8629, 59.8222
YIQ	92.6650, 47.2070, 97.1510

# Conversions

## Conversions Part 2

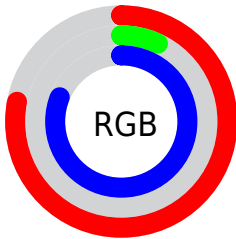
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 17, 206
Decimal	12980686
CIE <sub>Lab</sub>	48.09, 80.88, -53.31
CIE <sub>LCh</sub>	48, 96.868, 326.608
Yxy	16.8629, 0.3111, 0.1515
Android (android.graphics.Color)	4291170766 (0xFFC611CE)
YUV	92.6650, 55.8742, 92.3788
Hunter-Lab	41.0645, 78.6666, -57.6278

# Details

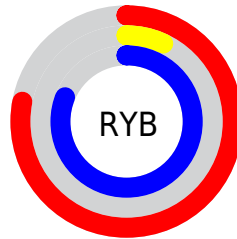
The Decimal color **12980686** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **1691153**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **16736511**, and **9109655** is the 20% darker color. If you saturate the color by 10%, you get **12910798**, and if you desaturate by 10%, it is **13051598**.

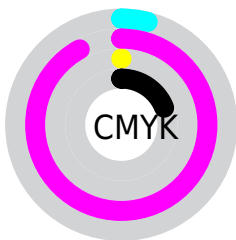
# Distribution



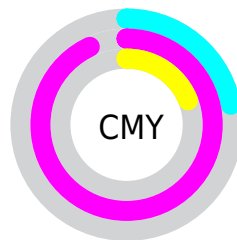
- Red (78%)
- Green (7%)
- Blue (81%)



- Red (78%)
- Yellow (7%)
- Blue (81%)



- Cyan (4%)
- Magenta (92%)
- Yellow (0%)
- Black (19%)



- Cyan (22%)
- Magenta (93%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12980686 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 12980686 by changing the saturation by 10% instead.



 12980686

 12980686

16777215

 11010226

 16736511

 9109655

 16744191

 7209084

 16751871

 5374051

 16759551

 3604554

 16767231

 1507378

 16774911

 284

 0

 12980686

 12980686

■ 12910798

■ 13051598

■ 13122254

■ 13193166

■ 13198286

■ 13269198

■ 13340110

■ 13410766

■ 13481678

■ 13552334

# Harmonies

## Analogous

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



2974207



12980686



16056447

# Triad

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



12980686



9661440



37562

# Complementary

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



12980686



1691153

# 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.



36966



12980686



4227584

# Square

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



12980686



13582592



35840



36861

# Rectangle

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



12980686



16253002



35840



37535



# Sweetspot

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



12980686



16562431



1120974



8279168



0



8421504



# Same Dimension

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



12980686



15991039



13504889



6708326



10420390



2424870



# Inverse Universe

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



13504793



16711691



1166950



6708316



10878983



2490370



# Previews

## White Background



This preview shows how the Decimal color 12980686 looks on a white background.

## Color Contrast Check

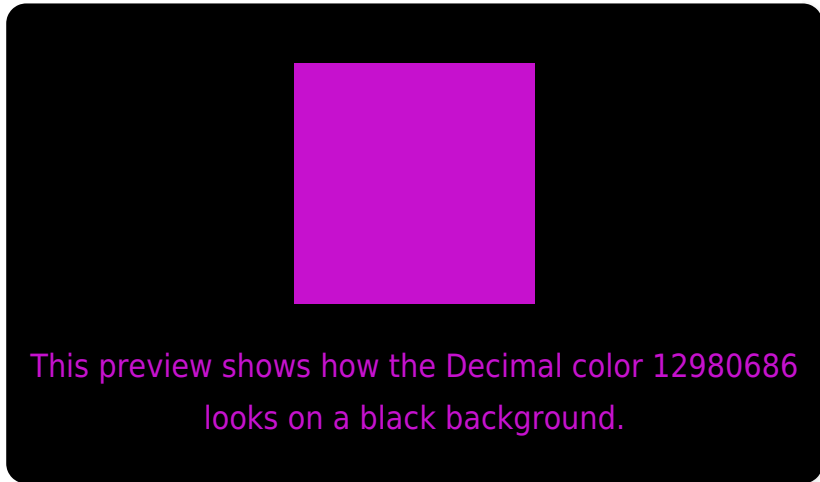
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

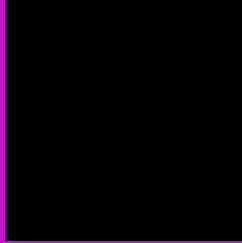
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 12980686 Background



This preview shows how black text looks on a background with the Decimal color 12980686.



This preview shows how white text looks on a background with the Decimal color 12980686.

# 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**  
12079703

# Trichromacy



**Original Color**  
12980686



**Protanomaly**  
4738528



**Deuteranomaly**  
7295174



**Tritanomaly**  
12401282

# Monochromacy



**Original Color**  
12980686



**Achromatopsia**  
6118749



**Achromatomaly**  
8601990

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12980686 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 #C611CE looks like.

```
.text, #text, p{  
    color:#C611CE  
}
```

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 #C611CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C611CE
}
```

## Border

The CSS property to change the border of an element to Decimal 12980686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

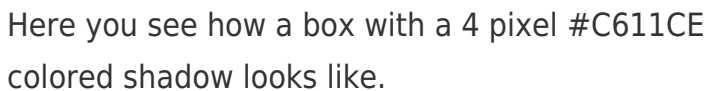
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C611CE }
```

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

```
.border{ border-color:#C611CE }
```

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



Here you see how a box with a 4 pixel `#C611CE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C611CE; -webkit-box-shadow:4px 4px  
4px 4px #C611CE; box-shadow:4px 4px 4px  
4px #C611CE }
```

# Background

The CSS property to change the background color of an element to Decimal 12980686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C611CE }
```

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

```
.background{ background-color:#C611CE }
```

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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