

# Converting Colors

Decimal(12987350)

Have a look what the booklet for  
Decimal(12987350) contains.

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# Color

**Decimal(12987350)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C62BD6
RGB	198, 43, 214
RGB Percent	78%, 17%, 84%
CMY	0.2235, 0.8314, 0.1608
CMYK	0.07, 0.80, 0.00, 0.16
HSL	294°, 68%, 50%
HSV	294°, 80%, 84%
XYZ	36.2902, 18.5886, 65.2936
YIQ	108.8390, 37.4890, 86.0410

# Conversions

## Conversions Part 2

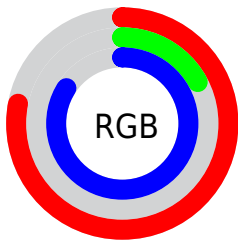
Format	Color
<a href="#">RYB</a>	<a href="#">198, 43, 214</a>
Decimal	<a href="#">12987350</a>
CIELab	<a href="#">50.20, 77.38, -54.51</a>
CIELCh	<a href="#">50, 94.652, 324.835</a>
Yxy	<a href="#">18.5886, 0.3020, 0.1547</a>
Android (android.graphics.Color)	<a href="#">4291177430 (0xFFC62BD6)</a>
YUV	<a href="#">108.8390, 51.8444, 78.1942</a>
Hunter-Lab	<a href="#">43.1145, 74.7962, -59.6101</a>

# Details

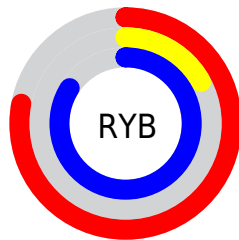
The Decimal color **12987350** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **3921451**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **16739583**, and **9109662** is the 20% darker color. If you saturate the color by 10%, you get **12850902**, and if you desaturate by 10%, it is **13123798**.

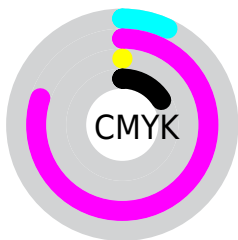
# Distribution



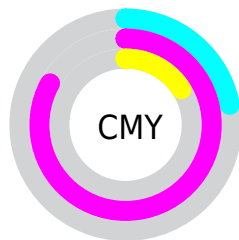
- Red (78%)
- Green (17%)
- Blue (84%)



- Red (78%)
- Yellow (17%)
- Blue (84%)



- Cyan (7%)
- Magenta (80%)
- Yellow (0%)
- Black (16%)



















- Cyan (22%)
- Magenta (83%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12987350 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 12987350 by changing the saturation by 10% instead.



 12987350	 12987350
16777215	 11075770
 16739583	 9109662
 16747263	 7274628
 16754687	 5374058
 16762111	 3735633
 16769791	 1572921
	 546
	 8
	 0

 12987350

 12987350

 12850902

 13123798

 12714198

 13260502

 13396950

 13533654

 13670102

 13806550

 13943254

 14079702

 14216406

# Harmonies

## Analogous

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



2386431



12987350



16253065

# Triad

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



12987350



10383360



38842

# Complementary

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



12987350



3921451

# 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.



38503



12987350



5211648

# Square

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



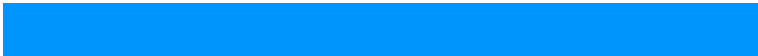
12987350



14107904



37120



38141

# Rectangle

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



12987350



16580692



37120



38815



# Sweetspot

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



12987350



16368383



2833622



8149888



0



8421504



# Same Dimension

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



12987350



15207167



14035858



6971499



10158251



2555947



# Inverse Universe

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



14035771



16714273



2872943



7037025



11206672

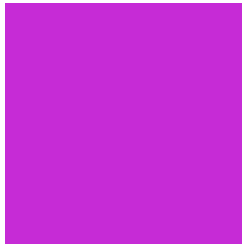


2818052



# Previews

## White Background



This preview shows how the Decimal color 12987350 looks on a white background.

## Color Contrast Check

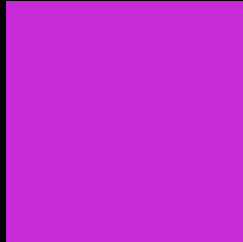
Large Text (above 18pt) WCAG AA ✓ Pass

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 12987350 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

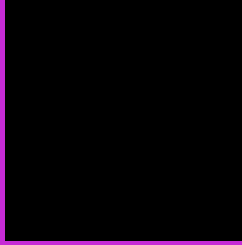
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12987350 Background



This preview shows how black text looks on a background with the Decimal color 12987350.



This preview shows how white text looks on a background with the Decimal color 12987350.

# 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





# Trichromacy



**Original Color**  
12987350



**Protanomaly**  
4741610



**Deuteranomaly**  
7298510



**Tritanomaly**  
12405388

# Monochromacy



**Original Color**  
12987350



**Achromatopsia**  
7171437



**Achromatomaly**  
9262483

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12987350 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 #C62BD6 looks like.

```
.text, #text, p{  
    color:#C62BD6  
}
```

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 #C62BD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C62BD6
}
```

## Border

The CSS property to change the border of an element to Decimal 12987350 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
#C62BD6 }
```

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

```
.border{ border-color:#C62BD6 }
```

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

Here you see how a box with a 4 pixel #C62BD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C62BD6; -webkit-box-shadow:4px 4px  
4px 4px #C62BD6; box-shadow:4px 4px 4px  
4px #C62BD6 }
```

# Background

The CSS property to change the background color of an element to Decimal 12987350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C62BD6 }
```

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

```
.background{ background-color:#C62BD6 }
```

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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