

# Converting Colors

Decimal(12927990)

Have a look what the booklet for  
Decimal(12927990) contains.

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# Color

**Decimal(12927990)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C543F6
RGB	197, 67, 246
RGB Percent	77%, 26%, 96%
CMY	0.2275, 0.7373, 0.0353
CMYK	0.20, 0.73, 0.00, 0.04
HSL	284°, 91%, 61%
HSV	284°, 73%, 96%
XYZ	41.6677, 22.5384, 89.3430
YIQ	126.2760, 20.0210, 83.2290

# Conversions

## Conversions Part 2

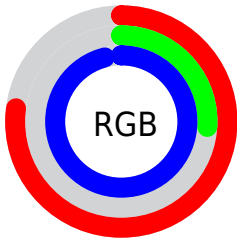
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	197, 67, 246
Decimal	12927990
CIE Lab	54.59, 75.55, -65.53
CIE LCh	55, 100.005, 319.063
Yxy	22.5384, 0.2714, 0.1468
Android (android.graphics.Color)	4291118070 (0xFFC543F6)
YUV	126.2760, 59.0239, 62.0249
Hunter-Lab	47.4747, 73.5855, -78.3461

# Details

The Decimal color **12927990** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **7665219**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **16744191**, and **9044157** is the 20% darker color. If you saturate the color by 10%, you get **12462838**, and if you desaturate by 10%, it is **13393142**.

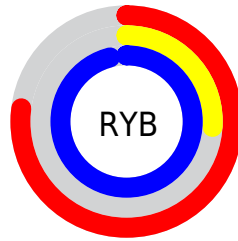
# Distribution



Red (77%)

Green (26%)

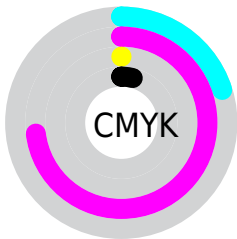
Blue (96%)



Red (77%)

Yellow (26%)

Blue (96%)

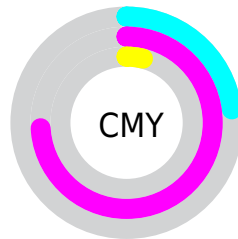


Cyan (20%)

Magenta (73%)

Yellow (0%)

Black (4%)



Cyan (23%)

Magenta (74%)

















Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12927990 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 12927990 by changing the saturation by 10% instead.



 12927990	 12927990
16777215	 10952665
 16744191	 9044157
 16751615	 7143585
 16759039	 5243014
 16766463	 3276908
 16774143	 852050
	 58
	 548
	 11

■ 12927990

■ 12927990

■ 12462838

■ 13393142

■ 12063478

■ 13792502

■ 11731190

■ 14257654

■ 14722550

■ 15187702

■ 15587318

■ 16052214

■ 16515062

■ 16777206

# Harmonies

## Analogous

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



31743



12927990



16711846

# Triad

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



12927990



12153856



42425

# Complementary

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



12927990



7665219

# 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.



41823



12927990



7048960

# Square

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



12927990



15941632



40192



41983

# Rectangle

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



12927990



16711789



40192



42140



# Sweetspot

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



12927990



15779839



4421366



7757440



0



8421504



# Same Dimension

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



12927990



12722687



16139215



7827066



8847546



2818107



# Inverse Universe

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



16139124



16720222



4453994



8023666



12189747



3866640



# Previews

## White Background



This preview shows how the Decimal color 12927990 looks on a white background.

## Color Contrast Check

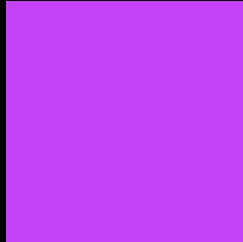
Large Text (above 18pt) WCAG AA ✓ Pass

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 12927990 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

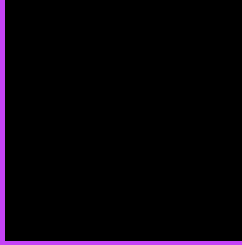
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12927990 Background



This preview shows how black text looks on a background with the Decimal color 12927990.




This preview shows how white text looks on a background with the Decimal color 12927990.

# 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](#).

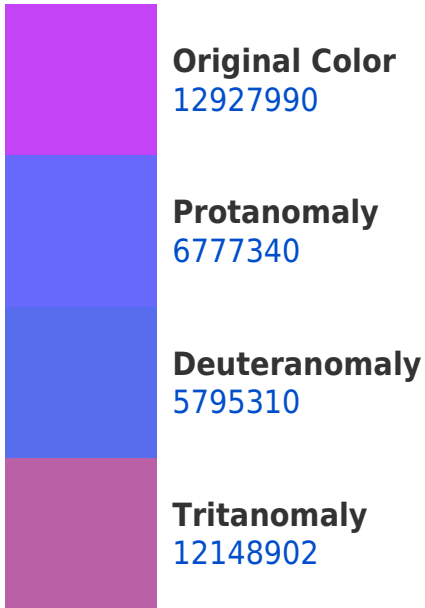
## Dichromacy



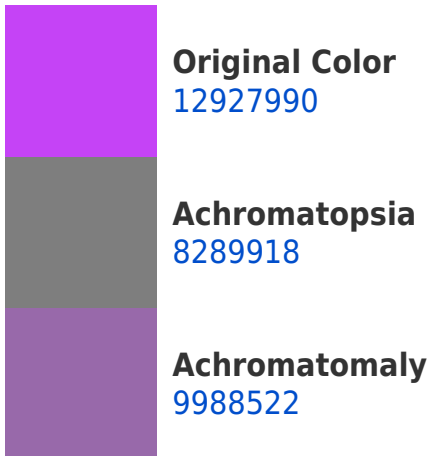


**Tritanopia**  
11694200

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12927990 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 #C543F6 looks like.

```
.text, #text, p{  
    color:#C543F6  
}
```

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 #C543F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C543F6
}
```

## Border

The CSS property to change the border of an element to Decimal 12927990 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
#C543F6 }
```

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

```
.border{ border-color:#C543F6 }
```

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

Here you see how a box with a 4 pixel #C543F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C543F6; -webkit-box-shadow:4px 4px  
4px 4px #C543F6; box-shadow:4px 4px 4px  
4px #C543F6 }
```

# Background

The CSS property to change the background color of an element to Decimal 12927990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C543F6 }
```

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

```
.background{ background-color:#C543F6 }
```

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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