

# Converting Colors

Decimal(12989695)

Have a look what the booklet for  
Decimal(12989695) contains.

<b>Decimal(12989695)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(12989695)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C634FF
RGB	198, 52, 255
RGB Percent	78%, 20%, 100%
CMY	0.2235, 0.7961, 0.0000
CMYK	0.22, 0.80, 0.00, 0.00
HSL	283°, 100%, 60%
HSV	283°, 80%, 100%
XYZ	42.5667, 21.6817, 96.5492
YIQ	118.7960, 21.8530, 94.0850

# Conversions

## Conversions Part 2

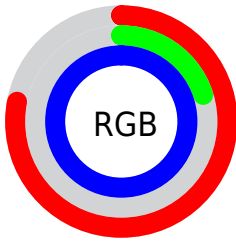
Format	Color
R <sub>Y</sub> B	198, 52, 255
Decimal	12989695
CIE Lab	53.69, 82.17, -71.99
CIE LCh	54, 109.243, 318.775
Yxy	21.6817, 0.2647, 0.1348
Android (android.graphics.Color)	4291179775 (0xFFC634FF)
YUV	118.7960, 67.1486, 69.4619
Hunter-Lab	46.5637, 81.6913, -90.3426

# Details

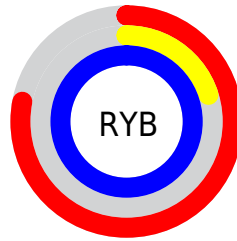
The Decimal color **12989695** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **7208756**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **16741631**, and **9044165** is the 20% darker color. If you saturate the color by 10%, you get **12524287**, and if you desaturate by 10%, it is **13455103**.

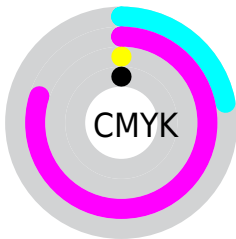
# Distribution



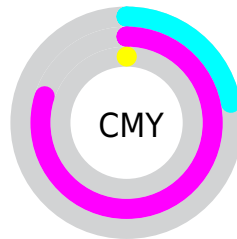
- Red (78%)
- Green (20%)
- Blue (100%)



- Red (78%)
- Yellow (20%)
- Blue (100%)



- Cyan (22%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



















- Cyan (22%)
- Magenta (80%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12989695 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 12989695 by changing the saturation by 10% instead.



 12989695	 12989695
16777215	 11010274
 16741631	 9044165
 16749055	 7078057
 16756735	 5111950
 16764159	 3014771
 16771839	 90
	 65
	 810
	 276

■ 12989695

■ 12989695

■ 12524287

■ 13455103

■ 12059135

■ 13920255

■ 11993343

■ 14385663

■ 14916351

■ 15381503

■ 15846911

■ 16312319

16777215

# Harmonies

## Analogous

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



31231



12989695



16711848

# Triad

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



12989695



12152832



42171

# Complementary

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



12989695



7208756

# 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.



41560



12989695



6589952

# Square

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



12989695



16264448



39936



41983

# Rectangle

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



12989695



16711786



39936



41883



# Sweetspot

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



12989695



15647487



3436287



7691136



0



8421504



# Same Dimension

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



12989695



12192511



16725203



8156032



9044159



3014720



# Inverse Universe

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



16725101



16714319



3473248



8418166



12517430

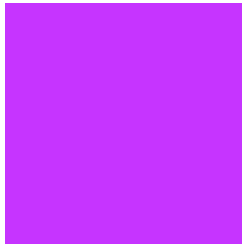


4194322



# Previews

## White Background



This preview shows how the Decimal color 12989695 looks on a white background.

## Color Contrast Check

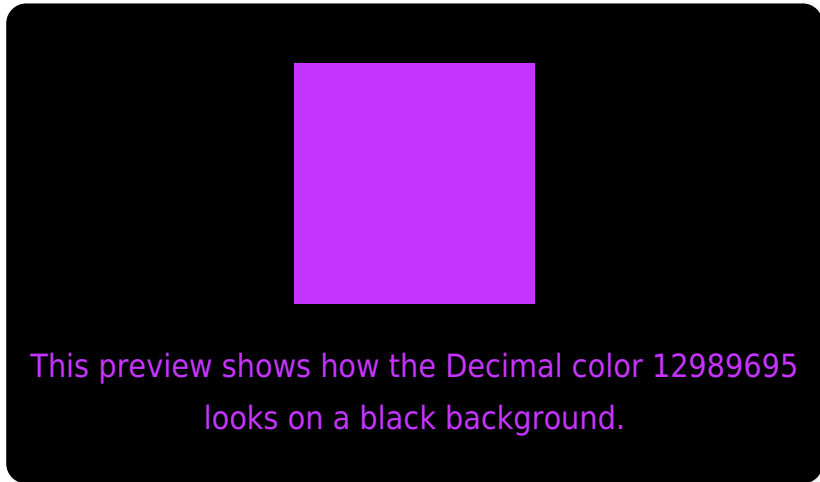
Large Text (above 18pt) WCAG AA ✓ Pass

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

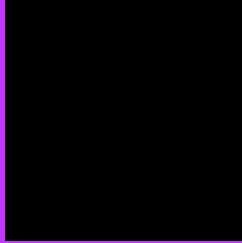
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12989695 Background



This preview shows how black text looks on a background with the Decimal color 12989695.




This preview shows how white text looks on a background with the Decimal color 12989695.

# 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](#).

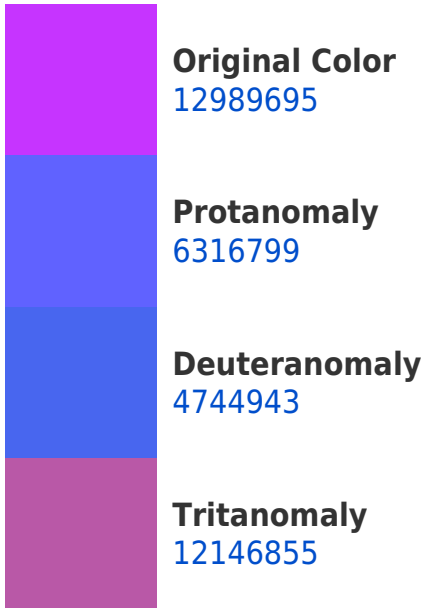
## Dichromacy



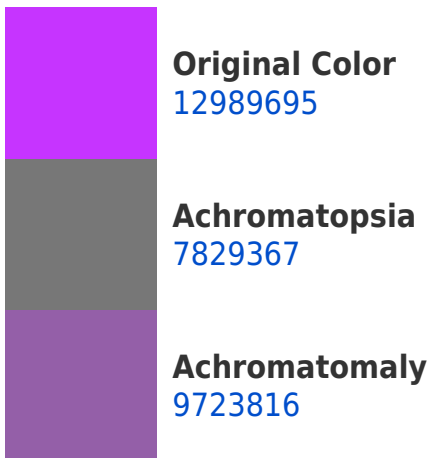


**Tritanopia**  
11627637

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12989695 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 #C634FF looks like.

```
.text, #text, p{  
    color:#C634FF  
}
```

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 #C634FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C634FF
}
```

## Border

The CSS property to change the border of an element to Decimal 12989695 is called "border". The border property can be set on classes, ids or directly on the HTML element.

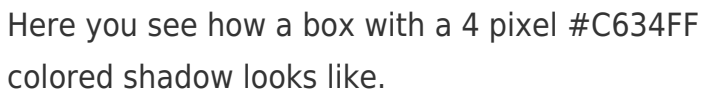
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C634FF }
```

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

```
.border{ border-color:#C634FF }
```

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



Here you see how a box with a 4 pixel `#C634FF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C634FF; -webkit-box-shadow:4px 4px  
4px 4px #C634FF; box-shadow:4px 4px 4px  
4px #C634FF }
```

# Background

The CSS property to change the background color of an element to Decimal 12989695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C634FF }
```

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

```
.background{ background-color:#C634FF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor