

# Converting Colors

Decimal(12816329)

Have a look what the booklet for  
Decimal(12816329) contains.

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# **Color**

**Decimal(12816329)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C38FC9
RGB	195, 143, 201
RGB Percent	76%, 56%, 79%
CMY	0.2353, 0.4392, 0.2118
CMYK	0.03, 0.29, 0.00, 0.21
HSL	294°, 35%, 67%
HSV	294°, 29%, 79%
XYZ	42.8708, 35.4641, 59.8441
YIQ	165.1600, 12.3740, 29.0620

# Conversions

## Conversions Part 2

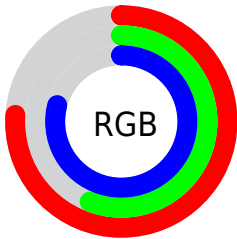
Format	Color
<a href="#">RYB</a>	<a href="#">195, 143, 201</a>
Decimal	<a href="#">12816329</a>
CIELab	<a href="#">66.11, 29.54, -22.26</a>
CIELCh	<a href="#">66, 36.985, 322.997</a>
Yxy	<a href="#">35.4641, 0.3103, 0.2567</a>
Android (android.graphics.Color)	<a href="#">4291006409 (0xFFC38FC9)</a>
YUV	<a href="#">165.1600, 17.6691, 26.1697</a>
Hunter-Lab	<a href="#">59.5517, 24.2851, -17.8949</a>

# Details

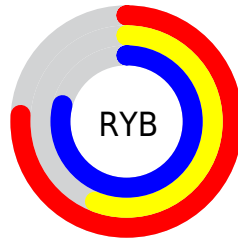
The Decimal color **12816329** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9816463**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **16565759**, and **9264275** is the 20% darker color. If you saturate the color by 10%, you get **12680137**, and if you desaturate by 10%, it is **12952521**.

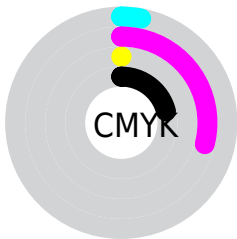
# Distribution



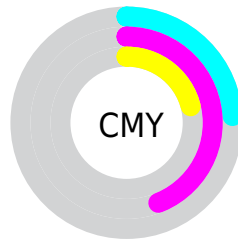
- Red (76%)
- Green (56%)
- Blue (79%)



- Red (76%)
- Yellow (56%)
- Blue (79%)



- Cyan (3%)
- Magenta (29%)
- Yellow (0%)
- Black (21%)



- Cyan (24%)
- Magenta (44%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12816329 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 12816329 by changing the saturation by 10% instead.



 12816329

 12816329

16777215

 10974638

 16565759

 9264275

 16769535

 7488633

16776959

 5844064

 4265288

 2687025

 983068

 0

 12816329

 12816329

 12680137

 12952521

 12543945

 13088713

 12407753

 13224905

 12271561

 13361097

 12135369

 13497545

 11998921

 13631433

 11797193

 13828041

 11796681

 13959113

 14090185

# Harmonies

## Analogous

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



10066910



12816329



14387114

# Triad

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



12816329



12426334



832185

# Complementary

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



12816329



9816463

# 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.



4829847



12816329



10266466

# Square

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



12816329



14061677



7777912



2076373

# Rectangle

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



12816329



14780307



7777912



2405038



# Sweetspot

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



12816329



16640255



9410249



8286592



0



8421504



# Same Dimension

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



12816329



16164607



13209523



6445667



9568419



2097188



# Inverse Universe

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



13209493



16754351



9423269



6511195



10682385



2359300



# Previews

## White Background



This preview shows how the Decimal color 12816329 looks on a white background.

## Color Contrast Check

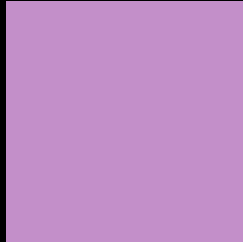
Large Text (above 18pt) WCAG AA × Fail

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 12816329 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

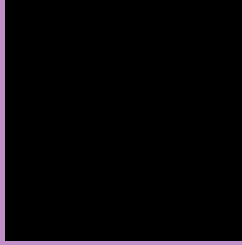
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12816329 Background



This preview shows how black text looks on a background with the Decimal color 12816329.

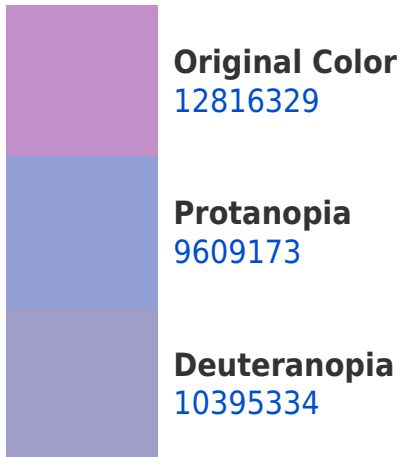


This preview shows how white text looks on a background with the Decimal color 12816329.

# 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**  
12490402

# Trichromacy



**Original Color**  
12816329

**Protanomaly**  
10787281

**Deuteranomaly**  
11246023

**Tritanomaly**  
12620720

# Monochromacy



**Original Color**  
12816329

**Achromatopsia**  
10855845

**Achromatomaly**  
11574706

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12816329 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 #C38FC9 looks like.

```
.text, #text, p{  
    color:#C38FC9  
}
```

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 #C38FC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C38FC9
}
```

## Border

The CSS property to change the border of an element to Decimal 12816329 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
#C38FC9 }
```

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

```
.border{ border-color:#C38FC9 }
```

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

Here you see how a box with a 4 pixel #C38FC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C38FC9; -webkit-box-shadow:4px 4px  
4px 4px #C38FC9; box-shadow:4px 4px 4px  
4px #C38FC9 }
```

# Background

The CSS property to change the background color of an element to Decimal 12816329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C38FC9 }
```

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

```
.background{ background-color:#C38FC9 }
```

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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