

# Converting Colors

Decimal(12816602)

Have a look what the booklet for  
Decimal(12816602) contains.

|                                                |    |
|------------------------------------------------|----|
| <b>Decimal(12816602)</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(12816602)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | C390DA                    |
| RGB           | 195, 144, 218             |
| RGB Percent   | 76%, 56%, 85%             |
| CMY           | 0.2353, 0.4353, 0.1451    |
| CMYK          | 0.11, 0.34, 0.00, 0.15    |
| HSL           | 281°, 50%, 71%            |
| HSV           | 281°, 34%, 85%            |
| XYZ           | 45.1338, 36.6106, 71.0174 |
| YIQ           | 167.6850, 6.6420, 33.8260 |

# Conversions

## Conversions Part 2

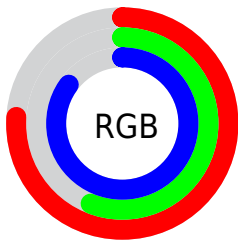
| Format                              | Color                                                        |
|-------------------------------------|--------------------------------------------------------------|
| <a href="#">RYB</a>                 | <a href="#">195, 144, 218</a>                                |
| Decimal                             | <a href="#">12816602</a>                                     |
| CIELab                              | <a href="#">66.98, 32.39, -30.37</a>                         |
| CIElCh                              | <a href="#">67, 44.405, 316.847</a>                          |
| Yxy                                 | <a href="#">36.6106, 0.2955, 0.2397</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4291006682</a><br>( <a href="#">0xFFC390DA</a> ) |
| YUV                                 | <a href="#">167.6850, 24.8053, 23.9553</a>                   |
| Hunter-Lab                          | <a href="#">60.5067, 27.2621, -27.2347</a>                   |

# Details

The Decimal color **12816602** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11000464**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **16566015**, and **9199011** is the 20% darker color. If you saturate the color by 10%, you get **12352218**, and if you desaturate by 10%, it is **13280986**.

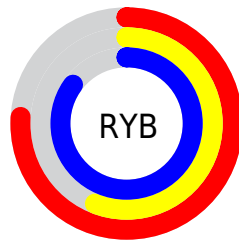
# Distribution



Red (76%)

Green (56%)

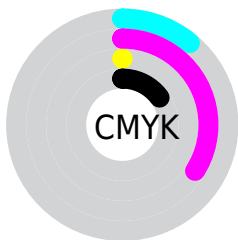
Blue (85%)



Red (76%)

Yellow (56%)

Blue (85%)

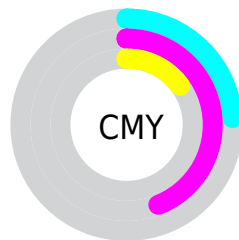


Cyan (11%)

Magenta (34%)

Yellow (0%)

Black (15%)



Cyan (24%)

Magenta (44%)













Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12816602 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 12816602 by changing the saturation by 10% instead.



|                                                                                            |                                                                                            |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  12816602 |  12816602 |
| 16777215                                                                                   |  10974910 |
|  16566015 |  9199011  |
|  16770047 |  7488648  |
|                                                                                            |  5778799  |
|                                                                                            |  4199766  |
|                                                                                            |  2621502  |
|                                                                                            |  1048616 |
|                                                                                            |  274    |
|                                                                                            |  0      |

 12816602

 12816602

 12352218

 13280986

 11887834

 13745370

 11489242

 14143962

 11024858

 14608346

 10560474

 15072730

 10096090

 15531994

 9830618

 15925210

 16383962

 16777178

# Harmonies

## Analogous

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



9150447



12816602



15041718

# Triad

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



12816602



13343572



47289

# Complementary

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



12816602



11000464

# 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.



3913615



12816602



10856532

# Square

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



12816602



15043690



7909739



46300

# Rectangle

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



12816602



15631003



7909739



47275



# Sweetspot

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



12816602



16246527



9480154



8089728



0



8421504



# Same Dimension

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



12816602



14653183



14323916



6972270



7864493



2097198



# Inverse Universe

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



14323879



16750263



9493150



7234406



11337782

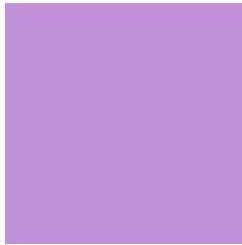


3014670



# Previews

## White Background



This preview shows how the Decimal color 12816602 looks on a white background.

## Color Contrast Check

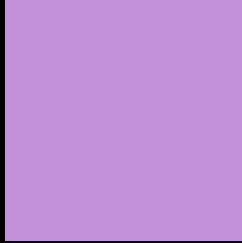
Large Text (above 18pt) WCAG AA × Fail

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 12816602 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

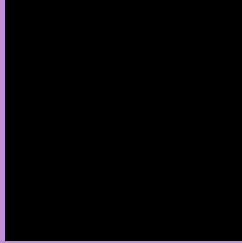
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12816602 Background



This preview shows how black text looks on a background with the Decimal color 12816602.

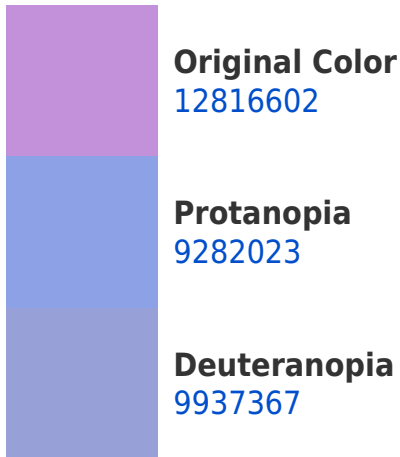



This preview shows how white text looks on a background with the Decimal color 12816602.

# 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**  
12294822

# Trichromacy



**Original Color**

12816602



**Protanomaly**

10591202



**Deuteranomaly**

10984408



**Tritanomaly**

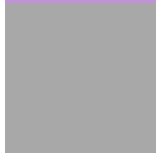
12490425

# Monochromacy



**Original Color**

12816602



**Achromatopsia**

11053224



**Achromatomaly**

11706298

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12816602 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 #C390DA looks like.

```
.text, #text, p{  
    color:#C390DA  
}
```

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 #C390DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C390DA
}
```

## Border

The CSS property to change the border of an element to Decimal 12816602 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
#C390DA }
```

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

```
.border{ border-color:#C390DA }
```

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

Here you see how a box with a 4 pixel #C390DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C390DA; -webkit-box-shadow:4px 4px  
4px 4px #C390DA; box-shadow:4px 4px 4px  
4px #C390DA }
```

# Background

The CSS property to change the background color of an element to Decimal 12816602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C390DA }
```

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

```
.background{ background-color:#C390DA }
```

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