

# Converting Colors

Decimal(12756699)

Have a look what the booklet for  
Decimal(12756699) contains.

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# **Color**

**Decimal(12756699)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | C2A6DB                     |
| RGB         | 194, 166, 219              |
| RGB Percent | 76%, 65%, 86%              |
| CMY         | 0.2392, 0.3490, 0.1412     |
| CMYK        | 0.11, 0.24, 0.00, 0.14     |
| HSL         | 272°, 42%, 75%             |
| HSV         | 272°, 24%, 86%             |
| XYZ         | 48.6705, 43.8562, 72.9177  |
| YIQ         | 180.4140, -0.3250, 22.4190 |

# Conversions

## Conversions Part 2

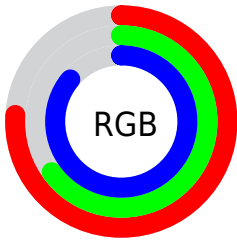
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">194, 166, 219</a>                  |
| Decimal                             | <a href="#">12756699</a>                       |
| CIELab                              | <a href="#">72.13, 20.14, -23.03</a>           |
| CIELCh                              | <a href="#">72, 30.590, 311.169</a>            |
| Yxy                                 | <a href="#">43.8562, 0.2942,<br/>0.2651</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4290946779<br/>(0xFFC2A6DB)</a>    |
| YUV                                 | <a href="#">180.4140, 19.0229,<br/>11.9149</a> |
| Hunter-Lab                          | <a href="#">66.2240, 15.2943,<br/>-18.9260</a> |

# Details

The Decimal color **12756699** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **12573606**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **16506367**, and **9204388** is the 20% darker color. If you saturate the color by 10%, you get **12095707**, and if you desaturate by 10%, it is **13417691**.

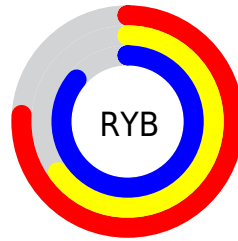
# Distribution



Red (76%)

Green (65%)

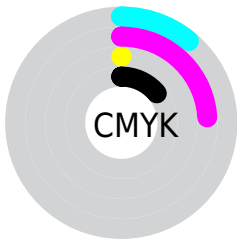
Blue (86%)



Red (76%)

Yellow (65%)

Blue (86%)

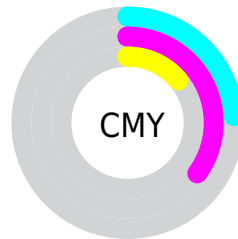


Cyan (11%)

Magenta (24%)

Yellow (0%)

Black (14%)



Cyan (24%)

Magenta (35%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12756699 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 12756699 by changing the saturation by 10% instead.



12756699

12756699

16777215

10980543

16506367

9204388

16775935

7494025

5849712

4270935

2758208

1507370

276

0

 12756699

 12756699

 12095707

 13417691

 11369179

 14144219

 10708187

 14805211

 10047195

 15466203

 9320923

 16187355

 8659931

 16777179

 7998939

 7602395

# Harmonies

## Analogous

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



10268903



12756699



14524100

# Triad

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



12756699



13937020



6275259

# Complementary

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



12756699



12573606

# 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.



8044446



12756699



12235386

# Square

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



12756699



15048845



10205830



5881557

# Rectangle

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



12756699



15113393



10205830



6799537



# Sweetspot

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



12756699



16248319



10928347



8091008



0



8421504



# Same Dimension

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



12756699



14464511



14395098



6841198



6029485



1572910



# Inverse Universe

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



14395071



16758232



10935207



7234408



11337810



3014678



# Previews

## White Background



This preview shows how the Decimal color 12756699 looks on a white background.

## Color Contrast Check

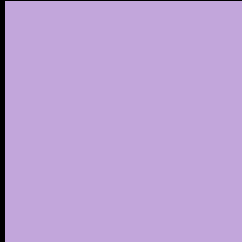
Large Text (above 18pt) WCAG AA × Fail

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 12756699 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

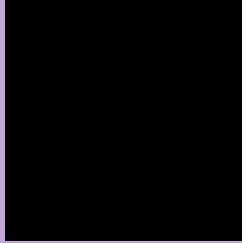
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12756699 Background



This preview shows how black text looks on a background with the Decimal color 12756699.

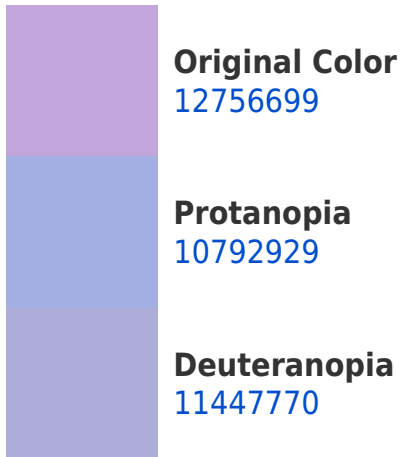


This preview shows how white text looks on a background with the Decimal color 12756699.

# 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**  
12430522

# Trichromacy



**Original Color**  
12756699

**Protanomaly**  
11513055

**Deuteranomaly**  
11905754

**Tritanomaly**  
12561094

# Monochromacy



**Original Color**  
12756699

**Achromatopsia**  
11842740

**Achromatomaly**  
12169154

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12756699 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 #C2A6DB looks like.

```
.text, #text, p{  
    color:#C2A6DB  
}
```

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 #C2A6DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2A6DB  
}
```

## Border

The CSS property to change the border of an element to Decimal 12756699 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  
#C2A6DB }
```

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

```
.border{ border-color:#C2A6DB }
```

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

Here you see how a box with a 4 pixel #C2A6DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2A6DB; -webkit-box-shadow:4px 4px  
4px 4px #C2A6DB; box-shadow:4px 4px 4px  
4px #C2A6DB }
```

# Background

The CSS property to change the background color of an element to Decimal 12756699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2A6DB }
```

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

```
.background{ background-color:#C2A6DB }
```

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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