

# Converting Colors

Decimal(12823750)

Have a look what the booklet for  
Decimal(12823750) contains.

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# **Color**

**Decimal(12823750)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | C3ACC6                    |
| RGB         | 195, 172, 198             |
| RGB Percent | 76%, 67%, 78%             |
| CMY         | 0.2353, 0.3255, 0.2235    |
| CMYK        | 0.02, 0.13, 0.00, 0.22    |
| HSL         | 293°, 19%, 73%            |
| HSV         | 293°, 13%, 78%            |
| XYZ         | 47.4512, 45.1844, 59.6466 |
| YIQ         | 181.8410, 5.3620, 12.9620 |

# Conversions

## Conversions Part 2

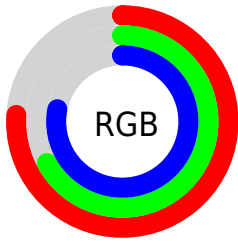
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">195, 172, 198</a>                 |
| Decimal                             | <a href="#">12823750</a>                      |
| CIELab                              | <a href="#">73.01, 12.97, -10.18</a>          |
| CIELCh                              | <a href="#">73, 16.486, 321.889</a>           |
| Yxy                                 | <a href="#">45.1844, 0.3116,<br/>0.2967</a>   |
| Android<br>(android.graphics.Color) | <a href="#">4291013830<br/>(0xFFC3ACC6)</a>   |
| YUV                                 | <a href="#">181.8410, 7.9664,<br/>11.5404</a> |
| Hunter-Lab                          | <a href="#">67.2193, 8.3723,<br/>-5.5570</a>  |

# Details

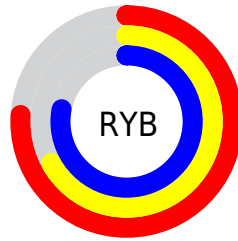
The Decimal color **12823750** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11519660**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **16573439**, and **9271440** is the 20% darker color. If you saturate the color by 10%, you get **12687558**, and if you desaturate by 10%, it is **12959942**.

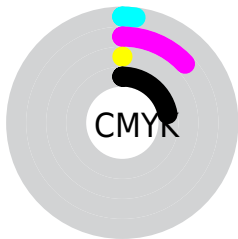
# Distribution



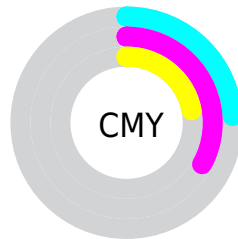
- Red (76%)
- Green (67%)
- Blue (78%)



- Red (76%)
- Yellow (67%)
- Blue (78%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (33%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12823750 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 12823750 by changing the saturation by 10% instead.



 12823750

 12823750

16777215

 11047339

 16573439

 9271440

 7626615

 5982046

 4403526

 2956080

 1704475

 0


 12823750

 12823750

 12687558

 12959942

 12485830

 13161670

 12349894

 13297606

 12213702

 13433798

 12077510

 13565894

 11875782

 13762502

 11739590

 13893574

 11603654

 14024646

 11468998

 14221254

# Harmonies

## Analogous

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



11645391



12823750



13609400

# Triad

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



12823750



12824982



9223358

# Complementary

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



12823750



11519660

# 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.



9682094



12823750



11777687

# Square

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



12823750



13610140



10664608



9419466

# Rectangle

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



12823750



13871534



10664608



9288889

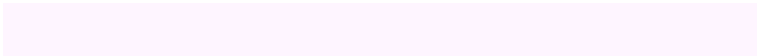


# Sweetspot

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



12823750



16709119



11317190



8354176



0



8421504



# Same Dimension

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



12823750



16439039



13020348



6445667



9437347



2097188



# Inverse Universe

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



13020335



16766683



11323062



6511195



10682387

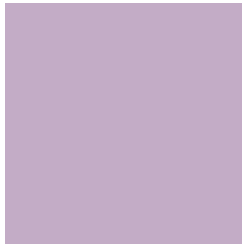


2359300



# Previews

## White Background



This preview shows how the Decimal color 12823750 looks on a white background.

## Color Contrast Check

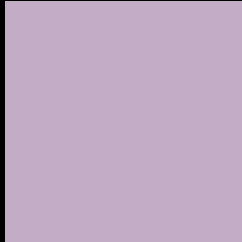
Large Text (above 18pt) WCAG AA × Fail

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 12823750 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

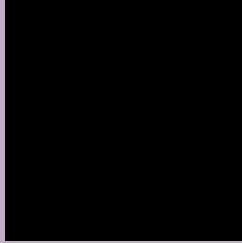
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12823750 Background



This preview shows how black text looks on a background with the Decimal color 12823750.



This preview shows how white text looks on a background with the Decimal color 12823750.

# 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



**Original Color**  
12823750

**Protanopia**  
11580106

**Deuteranopia**  
12365510



**Tritanopia**  
12693179

# Trichromacy



**Original Color**  
12823750

**Protanomaly**  
12038345

**Deuteranomaly**  
12561862

**Tritanomaly**  
12758463

# Monochromacy



**Original Color**  
12823750

**Achromatopsia**  
11974326

**Achromatomaly**  
12300988

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12823750 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 #C3ACC6 looks like.

```
.text, #text, p{  
    color:#C3ACC6  
}
```

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 #C3ACC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3ACC6
}
```

## Border

The CSS property to change the border of an element to Decimal 12823750 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
#C3ACC6 }
```

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

```
.border{ border-color:#C3ACC6 }
```

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

Here you see how a box with a 4 pixel #C3ACC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3ACC6; -webkit-box-shadow:4px 4px  
4px 4px #C3ACC6; box-shadow:4px 4px 4px  
4px #C3ACC6 }
```

# Background

The CSS property to change the background color of an element to Decimal 12823750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3ACC6 }
```

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

```
.background{ background-color:#C3ACC6 }
```

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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