

# Converting Colors

Decimal(12622000)

Have a look what the booklet for  
Decimal(12622000) contains.

|  |    |
|--|----|
| <b>Decimal(12622000)</b> .....                 | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Decimal(12622000)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C098B0                     |
| RGB           | 192, 152, 176              |
| RGB Percent   | 75%, 60%, 69%              |
| CMY           | 0.2471, 0.4039, 0.3098     |
| CMYK          | 0.00, 0.21, 0.08, 0.25     |
| HSL           | 324°, 24%, 67%             |
| HSV           | 324°, 21%, 75%             |
| XYZ           | 40.8029, 36.7975, 46.0264  |
| YIQ           | 166.6960, 16.1360, 15.9440 |

# Conversions

## Conversions Part 2

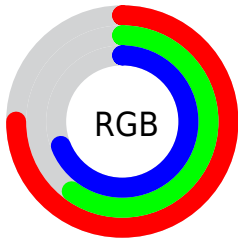
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">192, 152, 176</a>                 |
| Decimal                             | <a href="#">12622000</a>                      |
| CIELab                              | <a href="#">67.12, 18.89, -6.78</a>           |
| CIELCh                              | <a href="#">67, 20.068, 340.252</a>           |
| Yxy                                 | <a href="#">36.7975, 0.3300,<br/>0.2976</a>   |
| Android<br>(android.graphics.Color) | <a href="#">4290812080<br/>(0xFFC098B0)</a>   |
| YUV                                 | <a href="#">166.6960, 4.5869,<br/>22.1916</a> |
| Hunter-Lab                          | <a href="#">60.6610, 13.9094,<br/>-2.5235</a> |

# Details

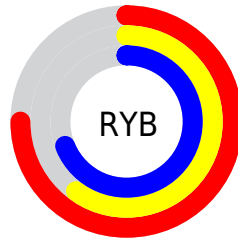
The Decimal color **12622000** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **10010792**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **16371432**, and **9069948** is the 20% darker color. If you saturate the color by 10%, you get **12617128**, and if you desaturate by 10%, it is **12626872**.

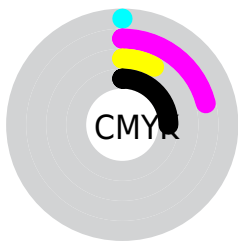
# Distribution



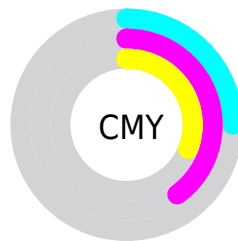
- Red (75%)
- Green (60%)
- Blue (69%)



- Red (75%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (25%)



- Cyan (25%)
- Magenta (40%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12622000 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 12622000 by changing the saturation by 10% instead.



 12622000

 12622000

16777215

 10845845

 16371432

 9069948

 16772095

 7359843

 5715275

 4202292

 2689567

 917509

 0

 12622000

 12622000

 12617128

 12626872

 12612257

 12631743

 12607129

 12636871

 12602257

 12641743

 12597386

 12646614

 12592514

 12648414

 12587642

 12648422

 12583027

 12648429

 12648437

# Harmonies

## Analogous

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



11443647



12622000



13146014

# Triad

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



12622000



11248768



7515322

# Complementary

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



12622000



10010792

# 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.



7646889



12622000



9873799

# Square

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



12622000



12361346



8564119



8432069

# Rectangle

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



12622000



13146258



8564119



7450037



# Sweetspot

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



12622000



16444404



11049152



8221817



16579836



8224125



# Same Dimension

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



12622000



16432097



12621980



6379357



10551392



2162708



# Inverse Universe

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



12622000



16432097



10010812



6379357



10551392

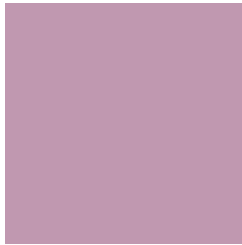


2162708



# Previews

## White Background



This preview shows how the Decimal color 12622000 looks on a white background.

## Color Contrast Check

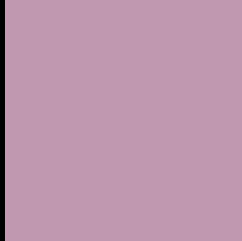
Large Text (above 18pt) WCAG AA × Fail

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 12622000 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 12622000 Background



This preview shows how black text looks on a background with the Decimal color 12622000.



This preview shows how white text looks on a background with the Decimal color 12622000.

# 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**  
12622000

**Protanopia**  
10592951

**Deuteranopia**  
11444143



**Tritanopia**  
12556966

# Trichromacy



**Original Color**  
12622000

**Protanomaly**  
11312820

**Deuteranomaly**  
11902127

**Tritanomaly**  
12556714

# Monochromacy



**Original Color**  
12622000

**Achromatopsia**  
10987431

**Achromatomaly**  
11575978

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12622000 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 #C098B0 looks like.

```
.text, #text, p{  
    color:#C098B0  
}
```

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 #C098B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C098B0
}
```

## Border

The CSS property to change the border of an element to Decimal 12622000 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
#C098B0 }
```

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

```
.border{ border-color:#C098B0 }
```

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

Here you see how a box with a 4 pixel #C098B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C098B0; -webkit-box-shadow:4px 4px  
4px 4px #C098B0; box-shadow:4px 4px 4px  
4px #C098B0 }
```

# Background

The CSS property to change the background color of an element to Decimal 12622000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C098B0 }
```

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

```
.background{ background-color:#C098B0 }
```

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