

# Converting Colors

Decimal(12755401)

Have a look what the booklet for  
Decimal(12755401) contains.

<b>Decimal(12755401)</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(12755401)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2A1C9
RGB	194, 161, 201
RGB Percent	76%, 63%, 79%
CMY	0.2392, 0.3686, 0.2118
CMYK	0.03, 0.20, 0.00, 0.21
HSL	290°, 27%, 71%
HSV	290°, 20%, 79%
XYZ	45.5356, 41.1761, 60.8061
YIQ	175.4270, 6.8280, 19.4360

# Conversions

## Conversions Part 2

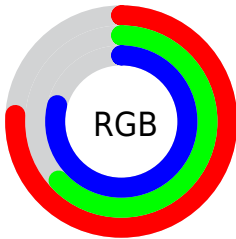
Format	Color
<a href="#">RYB</a>	<a href="#">194, 161, 201</a>
Decimal	<a href="#">12755401</a>
CIELab	<a href="#">70.30, 19.26, -15.91</a>
CIELCh	<a href="#">70, 24.979, 320.443</a>
Yxy	<a href="#">41.1761, 0.3087, 0.2791</a>
Android (android.graphics.Color)	<a href="#">4290945481 (0xFFC2A1C9)</a>
YUV	<a href="#">175.4270, 12.6075, 16.2885</a>
Hunter-Lab	<a href="#">64.1686, 14.3729, -11.2651</a>

# Details

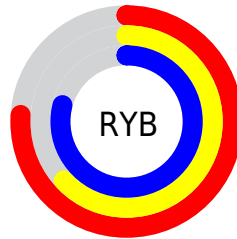
The Decimal color **12755401** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11061665**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **16505087**, and **9203091** is the 20% darker color. If you saturate the color by 10%, you get **12488137**, and if you desaturate by 10%, it is **13022665**.

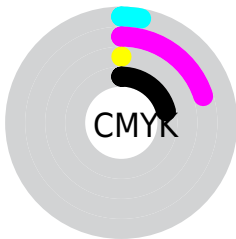
# Distribution



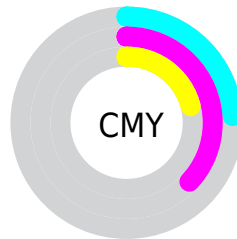
- Red (76%)
- Green (63%)
- Blue (79%)



- Red (76%)
- Yellow (63%)
- Blue (79%)



- Cyan (3%)
- Magenta (20%)
- Yellow (0%)
- Black (21%)



- Cyan (24%)
- Magenta (37%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12755401 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 12755401 by changing the saturation by 10% instead.



■ 12755401

■ 12755401

16777215

■ 10979246

■ 16505087

■ 9203091

■ 16774399

■ 7492985

■ 5848416

■ 4335432

■ 2822706

■ 1638429

■ 0

■ 12755401

■ 12755401

 12488137

 13022665

 12286409

 13224393

 12019145

 13491657

 11817417

 13693385

 11550153

 13959113

 11348169

 14155721

 11080905

 14417865

 10879177

 14614473

 14876617

# Harmonies

## Analogous

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



10922454



12755401



13933748

# Triad

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



12755401



12822655



6994363

# Complementary

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



12755401



11061665

# 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.



8042660



12755401



11317121

# Square

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



12755401



13934986



9614734



7255758

# Rectangle

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



12755401



14326693



9614734



7256499



# Sweetspot

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



12755401



16576767



10594505



8288128



0



8421504



# Same Dimension

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



12755401



16040703



13214140



6445667



8847523



1900580



# Inverse Universe

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



13214120



16761549



10602926



6511195



10682397



2359302



# Previews

## White Background



This preview shows how the Decimal color 12755401 looks on a white background.

## Color Contrast Check

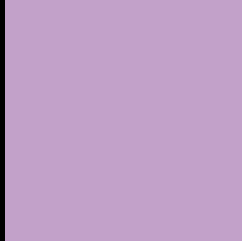
Large Text (above 18pt) WCAG AA × Fail

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 12755401 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

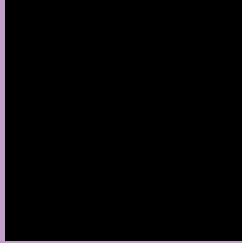
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12755401 Background



This preview shows how black text looks on a background with the Decimal color 12755401.

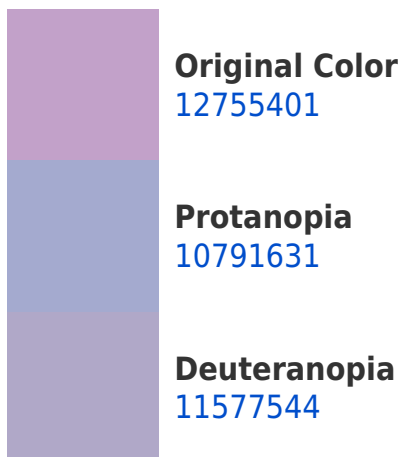



This preview shows how white text looks on a background with the Decimal color 12755401.

# 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**  
12559794

# Trichromacy



**Original Color**  
12755401

**Protanomaly**  
11511757

**Deuteranomaly**  
12035528

**Tritanomaly**  
12625082

# Monochromacy



**Original Color**  
12755401

**Achromatopsia**  
11513775

**Achromatomaly**  
11971256

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12755401 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 #C2A1C9 looks like.

```
.text, #text, p{  
  color:#C2A1C9  
}
```

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 #C2A1C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2A1C9
}
```

## Border

The CSS property to change the border of an element to Decimal 12755401 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
#C2A1C9 }
```

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

```
.border{ border-color:#C2A1C9 }
```

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

Here you see how a box with a 4 pixel #C2A1C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2A1C9; -webkit-box-shadow:4px 4px  
4px 4px #C2A1C9; box-shadow:4px 4px 4px  
4px #C2A1C9 }
```

# Background

The CSS property to change the background color of an element to Decimal 12755401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2A1C9 }
```

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

```
.background{ background-color:#C2A1C9 }
```

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