

# Converting Colors

Decimal(12945621)

Have a look what the booklet for  
Decimal(12945621) contains.

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# **Color**

**Decimal(12945621)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C588D5
RGB	197, 136, 213
RGB Percent	77%, 53%, 84%
CMY	0.2275, 0.4667, 0.1647
CMYK	0.08, 0.36, 0.00, 0.16
HSL	288°, 48%, 68%
HSV	288°, 36%, 84%
XYZ	43.8404, 34.2827, 67.2574
YIQ	163.0170, 11.6390, 36.8790

# Conversions

## Conversions Part 2

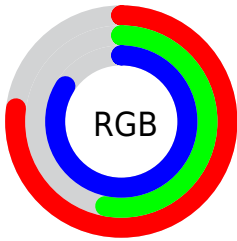
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 136, 213
Decimal	12945621
CIELab	65.19, 36.38, -30.35
CIELCh	65, 47.379, 320.161
Yxy	34.2827, 0.3016, 0.2358
Android (android.graphics.Color)	4291135701 (0xFFC588D5)
YUV	163.0170, 24.6416, 29.8031
Hunter-Lab	58.5515, 31.1867, -27.1197

# Details

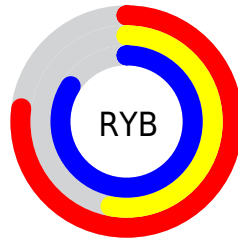
The Decimal color **12945621** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **10016136**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **16760575**, and **9328030** is the 20% darker color. If you saturate the color by 10%, you get **12678101**, and if you desaturate by 10%, it is **13213141**.

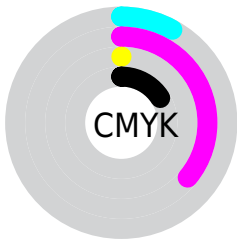
# Distribution



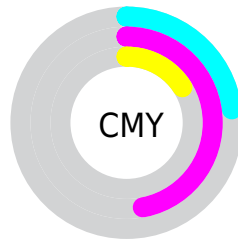
- Red (77%)
- Green (53%)
- Blue (84%)



- Red (77%)
- Yellow (53%)
- Blue (84%)



- Cyan (8%)
- Magenta (36%)
- Yellow (0%)
- Black (16%)



- Cyan (23%)
- Magenta (47%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12945621 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 12945621 by changing the saturation by 10% instead.



 12945621

 12945621

16777215

 11103929

 16760575

 9328030

 16767743

 7552132

 16775167

 5907562

 4262482

 2687034

 852004

 12

 0

 12945621

 12945621

 12678101

 13213141

 12344789

 13546453

 12077269


 13813973

 11744213

 14147029

 11476693

 14414805

 11143381

 14745557

 11075797

 15007701

 15269845

 15597525

# Harmonies

## Analogous

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



9148910



12945621



15105198

# Triad

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



12945621



12818249



46266

# Complementary

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



12945621



10016136

# 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.



963470



12945621



10200395

# Square

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



12945621



14780255



6991462



45278

# Rectangle

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



12945621



15629201



6991462



46252



# Sweetspot

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



12945621



16376831



8952277



8155008



0



8421504



# Same Dimension

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



12945621



15241727



13994175



6905963



8847531



2228267



# Inverse Universe

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



13994136



16748968



8967582



7037027



11206692



2818057



# Previews

## White Background



This preview shows how the Decimal color 12945621 looks on a white background.

## Color Contrast Check

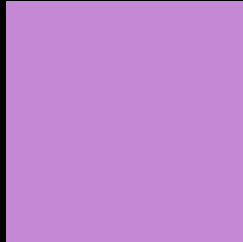
Large Text (above 18pt) WCAG AA × Fail

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 12945621 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 12945621 Background



This preview shows how black text looks on a background with the Decimal color 12945621.



This preview shows how white text looks on a background with the Decimal color 12945621.

# 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](#).

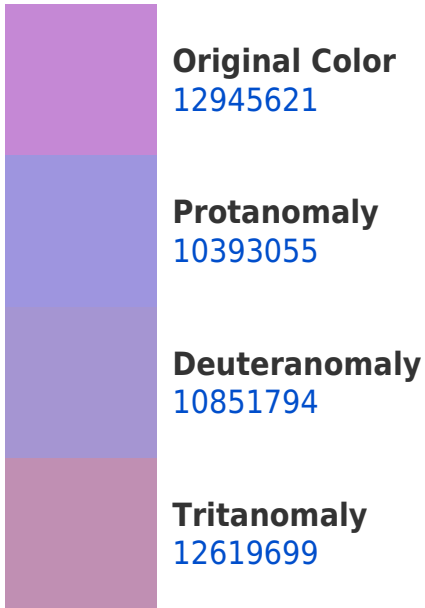
## Dichromacy



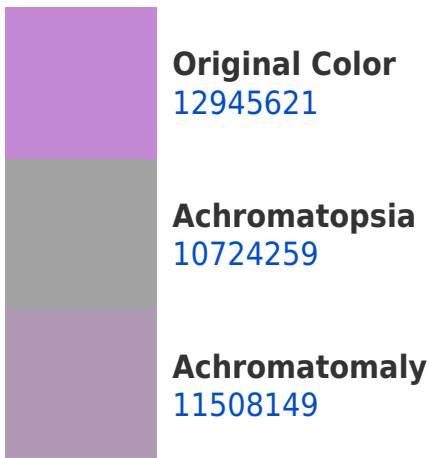


**Tritanopia**  
12424095

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12945621 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 #C588D5 looks like.

```
.text, #text, p{  
  color:#C588D5  
}
```

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 #C588D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C588D5
}
```

## Border

The CSS property to change the border of an element to Decimal 12945621 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
#C588D5 }
```

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

```
.border{ border-color:#C588D5 }
```

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

Here you see how a box with a 4 pixel #C588D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C588D5; -webkit-box-shadow:4px 4px  
4px 4px #C588D5; box-shadow:4px 4px 4px  
4px #C588D5 }
```

# Background

The CSS property to change the background color of an element to Decimal 12945621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C588D5 }
```

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

```
.background{ background-color:#C588D5 }
```

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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