

# Converting Colors

Decimal(12873956)

Have a look what the booklet for  
Decimal(12873956) contains.

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# **Color**

**Decimal(12873956)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | C470E4                     |
| RGB         | 196, 112, 228              |
| RGB Percent | 77%, 44%, 89%              |
| CMY         | 0.2314, 0.5608, 0.1059     |
| CMYK        | 0.14, 0.51, 0.00, 0.11     |
| HSL         | 283°, 68%, 67%             |
| HSV         | 283°, 51%, 89%             |
| XYZ         | 42.5627, 28.9255, 76.7387  |
| YIQ         | 150.3400, 12.8280, 53.8840 |

# Conversions

## Conversions Part 2

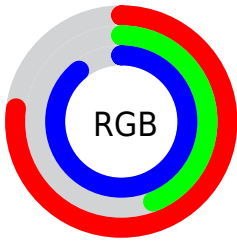
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 196, 112, 228                 |
| Decimal                             | 12873956                      |
| CIE Lab                             | 60.72, 51.86, -45.72          |
| CIE LCh                             | 61, 69.133, 318.603           |
| Yxy                                 | 28.9255, 0.2871,<br>0.1951    |
| Android<br>(android.graphics.Color) | 4291064036<br>(0xFFC470E4)    |
| YUV                                 | 150.3400, 38.2864,<br>40.0438 |
| Hunter-Lab                          | 53.7825, 47.1431,<br>-46.9493 |

# Details

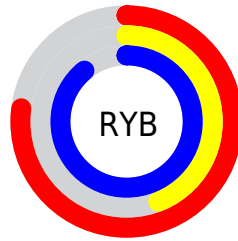
The Decimal color **12873956** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **9495664**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **16754431**, and **9190316** is the 20% darker color. If you saturate the color by 10%, you get **12474852**, and if you desaturate by 10%, it is **13273060**.

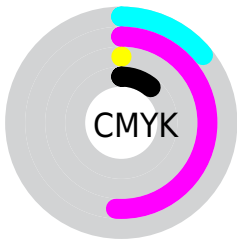
# Distribution



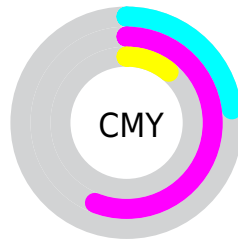
- Red (77%)
- Green (44%)
- Blue (89%)



- Red (77%)
- Yellow (44%)
- Blue (89%)



- Cyan (14%)
- Magenta (51%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (56%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12873956 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 12873956 by changing the saturation by 10% instead.



 12873956

 12873956

16777215

 11032264

 16754431

 9190316


 16761599

 7348369

 16769023

 5570679

 16776447

 3866717

 2359365

 46

 280

 0

 12873956

 12873956

 12474852

 13273060

 12010212

 13737700

 11611364

 14136548

 11212260

 14535652

 10813668

 14934756

 15399396

 15794148

 16187364

 16646116

# Harmonies

## Analogous

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



6196479



12873956



16012972

# Triad

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



12873956



12814080



44984

# Complementary

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



12873956



9495664

# 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.



44408



12873956



9149184

# Square

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



12873956



15428919



3974971



44013

# Rectangle

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



12873956



16732803



3974971



44963



# Sweetspot

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



12873956



16046591



7377380



7956864



0



8421504



# Same Dimension

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



12873956



13919231



14971083



7366515



8454323



2424883



# Inverse Universe

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



14971024



16737166



7398537



7563114



11730993

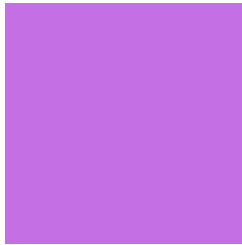


3342350



# Previews

## White Background



This preview shows how the Decimal color 12873956 looks on a white background.

## Color Contrast Check

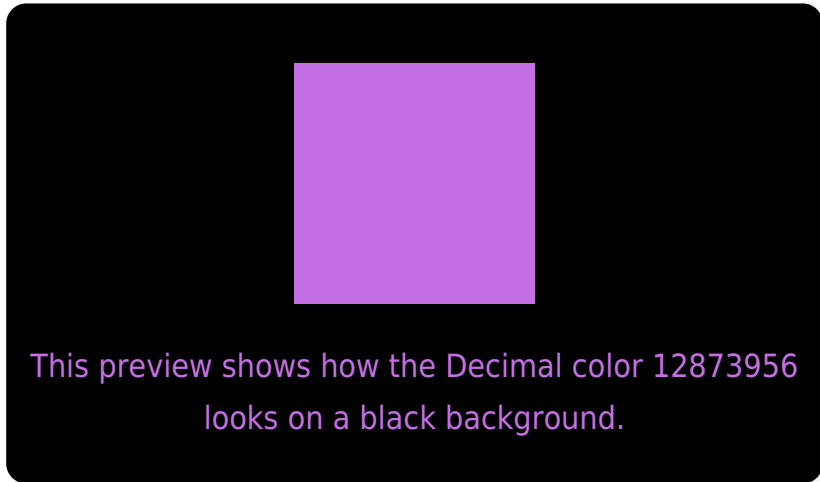
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

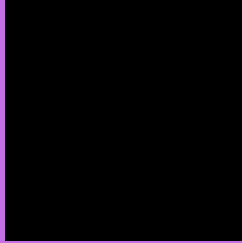
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12873956 Background



This preview shows how black text looks on a background with the Decimal color 12873956.



This preview shows how white text looks on a background with the Decimal color 12873956.

# 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





# Trichromacy



**Original Color**  
12873956



**Protanomaly**  
8750325



**Deuteranomaly**  
9406176



**Tritanomaly**  
12352942

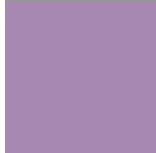
# Monochromacy



**Original Color**  
12873956



**Achromatopsia**  
9868950



**Achromatomaly**  
10979506

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12873956 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 #C470E4 looks like.

```
.text, #text, p{  
    color:#C470E4  
}
```

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 #C470E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C470E4
}
```

## Border

The CSS property to change the border of an element to Decimal 12873956 is called "border". The border property can be set on classes, ids or directly on the HTML element.

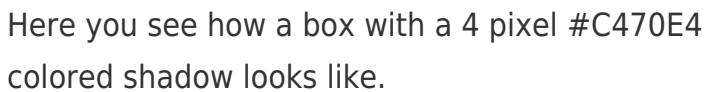
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C470E4 }
```

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

```
.border{ border-color:#C470E4 }
```

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



Here you see how a box with a 4 pixel `#C470E4` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C470E4; -webkit-box-shadow:4px 4px  
4px 4px #C470E4; box-shadow:4px 4px 4px  
4px #C470E4 }
```

# Background

The CSS property to change the background color of an element to Decimal 12873956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C470E4 }
```

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

```
.background{ background-color:#C470E4 }
```

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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