

# Converting Colors

Decimal(12863425)

Have a look what the booklet for  
Decimal(12863425) contains.

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# Color

**Decimal(12863425)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C447C1
RGB	196, 71, 193
RGB Percent	77%, 28%, 76%
CMY	0.2314, 0.7216, 0.2431
CMYK	0.00, 0.64, 0.02, 0.23
HSL	301°, 51%, 52%
HSV	301°, 64%, 77%
XYZ	34.6438, 20.0925, 52.5044
YIQ	122.2830, 35.3380, 64.4420

# Conversions

## Conversions Part 2

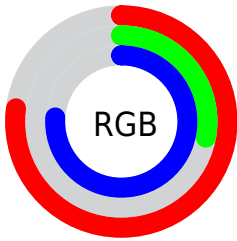
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 71, 193
Decimal	12863425
CIELab	51.94, 64.31, -39.69
CIELCh	52, 75.574, 328.316
Yxy	20.0925, 0.3230, 0.1874
Android (android.graphics.Color)	4291053505 (0xFFC447C1)
YUV	122.2830, 34.8635, 64.6498
Hunter-Lab	44.8247, 59.5149, -38.0708

# Details

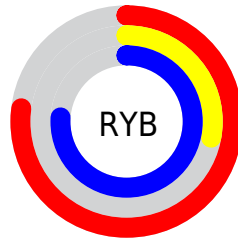
The Decimal color **12863425** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **4703306**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **16744698**, and **9109643** is the 20% darker color. If you saturate the color by 10%, you get **12858305**, and if you desaturate by 10%, it is **12868545**.

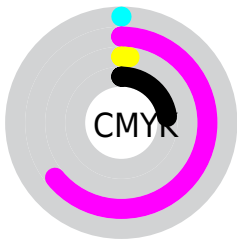
# Distribution



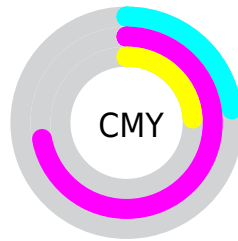
- Red (77%)
- Green (28%)
- Blue (76%)



- Red (77%)
- Yellow (28%)
- Blue (76%)



- Cyan (0%)
- Magenta (64%)
- Yellow (2%)
- Black (23%)



- Cyan (23%)
- Magenta (72%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12863425 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 12863425 by changing the saturation by 10% instead.



 12863425

 12863425

16777215

 10954918

 16744698

 9109643


 16751871

 7274609

 16759295

 5505112

 16766719

 3801152

 16774143

 1966121

 275

 0

 12863425

 12863425

 12858305

 12868545

 12853440

 12873410

 12848320

 12878530

 12845247

 12883395

 12888515

 12893636

 12898500

 12903621

 12908485

# Harmonies

## Analogous

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



7040239



12863425



15213954

# Triad

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



12863425



10057728



38840

# Complementary

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



12863425



4703306

# 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.



38774



12863425



5868032

# Square

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



12863425



13196288



37681



37866

# Rectangle

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



12863425



15412056



37681



39075



# Sweetspot

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



12863425



16764926



4802500



8413823



0



8421504



# Same Dimension

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



12863425



16727034



12863363



6379361



10551453



2162720



# Inverse Universe

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



12863425



16727034



4703368



6379361



10551453



2162720



# Previews

## White Background



This preview shows how the Decimal color 12863425 looks on a white background.

## Color Contrast Check

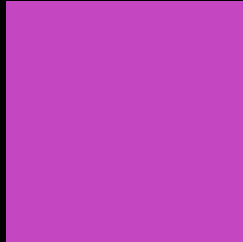
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 12863425 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

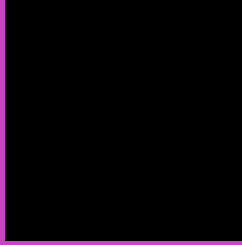
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12863425 Background



This preview shows how black text looks on a background with the Decimal color 12863425.

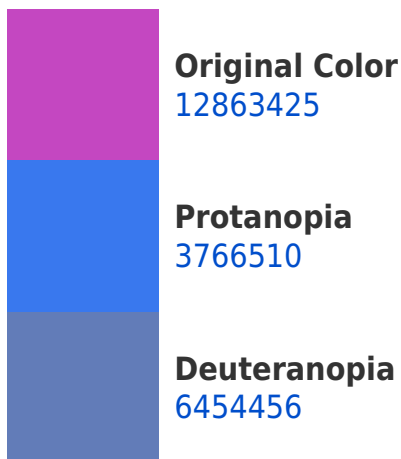



This preview shows how white text looks on a background with the Decimal color 12863425.

# 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**  
12214632

# Trichromacy



**Original Color**  
12863425



**Protanomaly**  
7104222



**Deuteranomaly**  
8808891



**Tritanomaly**  
12474504

# Monochromacy



**Original Color**  
12863425



**Achromatopsia**  
8026746



**Achromatomaly**  
9791380

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12863425 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 #C447C1 looks like.

```
.text, #text, p{  
    color:#C447C1  
}
```

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 #C447C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C447C1
}
```

## Border

The CSS property to change the border of an element to Decimal 12863425 is called "border". The border property can be set on classes, ids or directly on the HTML element.

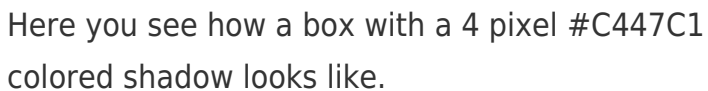
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C447C1 }
```

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

```
.border{ border-color:#C447C1 }
```

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



Here you see how a box with a 4 pixel `#C447C1` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C447C1; -webkit-box-shadow:4px 4px  
4px 4px #C447C1; box-shadow:4px 4px 4px  
4px #C447C1 }
```

# Background

The CSS property to change the background color of an element to Decimal 12863425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C447C1 }
```

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

```
.background{ background-color:#C447C1 }
```

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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