

# Converting Colors

Decimal(12670421)

Have a look what the booklet for  
Decimal(12670421) contains.

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# **Color**

**Decimal(12670421)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C155D5
RGB	193, 85, 213
RGB Percent	76%, 33%, 84%
CMY	0.2431, 0.6667, 0.1647
CMYK	0.09, 0.60, 0.00, 0.16
HSL	291°, 60%, 58%
HSV	291°, 60%, 84%
XYZ	37.2511, 22.6386, 65.3571
YIQ	131.8840, 23.2800, 62.7040

# Conversions

## Conversions Part 2

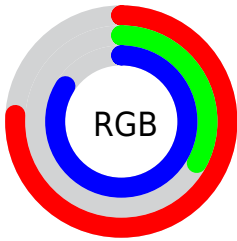
Format	Color
<a href="#">RYB</a>	<a href="#">193, 85, 213</a>
Decimal	<a href="#">12670421</a>
CIELab	<a href="#">54.70, 61.17, -46.82</a>
CIELCh	<a href="#">55, 77.032, 322.573</a>
Yxy	<a href="#">22.6386, 0.2974, 0.1808</a>
Android (android.graphics.Color)	<a href="#">4290860501</a> ( <a href="#">0xFFC155D5</a> )
YUV	<a href="#">131.8840, 39.9902, 53.5987</a>
Hunter-Lab	<a href="#">47.5800, 56.4853, -48.1363</a>

# Details

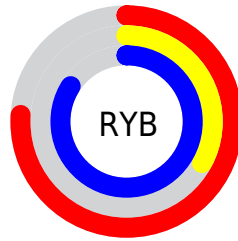
The Decimal color **12670421** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **6935893**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **16551167**, and **8919198** is the 20% darker color. If you saturate the color by 10%, you get **12468437**, and if you desaturate by 10%, it is **12872405**.

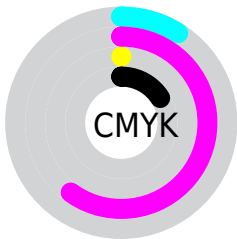
# Distribution



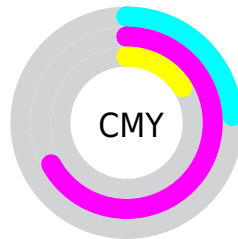
- Red (76%)
- Green (33%)
- Blue (84%)



- Red (76%)
- Yellow (33%)
- Blue (84%)



- Cyan (9%)
- Magenta (60%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (67%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12670421 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 12670421 by changing the saturation by 10% instead.



 12670421

 12670421

16777215

 10762681

 16551167

 8919198

 16754943

 7078019

 16762367

 5308521

 16769791

 3604560

 1835065

 546

 8

 0

■ 12670421

■ 12670421

■ 12468437

■ 12872405

■ 12200661

■ 13140181

■ 11998677

■ 13342165

■ 11796693

■ 13544149

■ 13811925

■ 14013909

■ 14215893

■ 14483413

■ 14680021

# Harmonies

## Analogous

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



5405183



12670421



15675542

# Triad

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



12670421



11303424



41140

# Complementary

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



12670421



6935893

# 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.



40816



12670421



7245312

# Square

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



12670421



14375950



39208



40173

# Rectangle

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



12670421



16133738



39208



41118



# Sweetspot

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



12670421



16306687



5597909



8086400



0



8421504



# Same Dimension

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



12670421



14829567



13981098



6905963



9437355



2424875



# Inverse Universe

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



13981033



16729956



5625216



7037026



11206683



2818055



# Previews

## White Background



This preview shows how the Decimal color 12670421 looks on a white background.

## Color Contrast Check

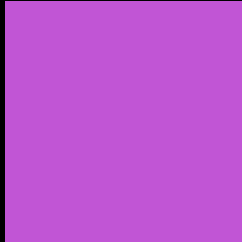
Large Text (above 18pt) WCAG AA ✓ Pass

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 12670421 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

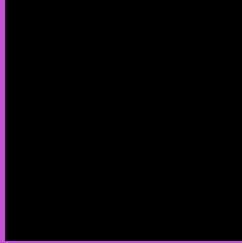
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12670421 Background



This preview shows how black text looks on a background with the Decimal color 12670421.

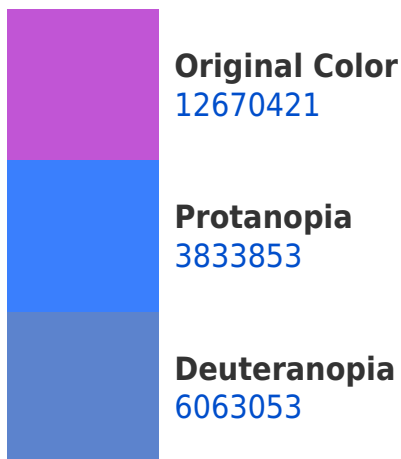


This preview shows how white text looks on a background with the Decimal color 12670421.

# 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**  
11890552

# Trichromacy



**Original Color**  
12670421



**Protanomaly**  
7041262



**Deuteranomaly**  
8483536



**Tritanomaly**  
12150426

# Monochromacy



**Original Color**  
12670421



**Achromatopsia**  
8684676



**Achromatomaly**  
10122145

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12670421 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 #C155D5 looks like.

```
.text, #text, p{  
    color:#C155D5  
}
```

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 #C155D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C155D5
}
```

## Border

The CSS property to change the border of an element to Decimal 12670421 is called "border". The border property can be set on classes, ids or directly on the HTML element.

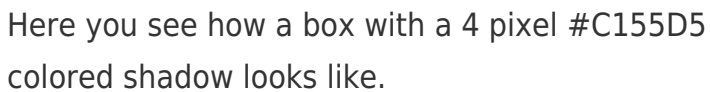
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C155D5 }
```

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

```
.border{ border-color:#C155D5 }
```

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



Here you see how a box with a 4 pixel `#C155D5` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C155D5; -webkit-box-shadow:4px 4px  
4px 4px #C155D5; box-shadow:4px 4px 4px  
4px #C155D5 }
```

# Background

The CSS property to change the background color of an element to Decimal 12670421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C155D5 }
```

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

```
.background{ background-color:#C155D5 }
```

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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