

# Converting Colors

Decimal(12615381)

Have a look what the booklet for  
Decimal(12615381) contains.

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# **Color**

**Decimal(12615381)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C07ED5
RGB	192, 126, 213
RGB Percent	75%, 49%, 84%
CMY	0.2471, 0.5059, 0.1647
CMYK	0.10, 0.41, 0.00, 0.16
HSL	286°, 51%, 66%
HSV	286°, 41%, 84%
XYZ	41.2093, 30.9323, 66.7493
YIQ	155.6520, 11.4090, 41.0490

# Conversions

## Conversions Part 2

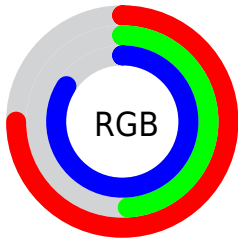
Format	Color
R <sub>Y</sub> B	192, 126, 213
Decimal	12615381
CIE Lab	62.45, 40.28, -34.64
CIE LCh	62, 53.130, 319.308
Yxy	30.9323, 0.2967, 0.2227
Android (android.graphics.Color)	4290805461 (0xFFC07ED5)
YUV	155.6520, 28.2726, 31.8772
Hunter-Lab	55.6168, 34.9304, -32.2261

# Details

The Decimal color **12615381** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **9688446**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **16430335**, and **8997790** is the 20% darker color. If you saturate the color by 10%, you get **12282325**, and if you desaturate by 10%, it is **12948437**.

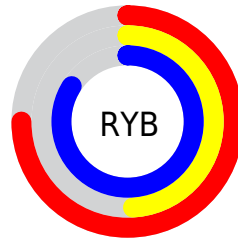
# Distribution



Red (75%)

Green (49%)

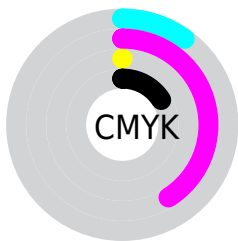
Blue (84%)



Red (75%)

Yellow (49%)

Blue (84%)

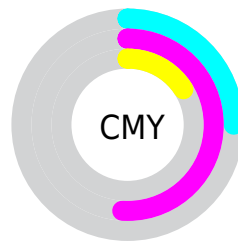


Cyan (10%)

Magenta (41%)

Yellow (0%)

Black (16%)



Cyan (25%)

Magenta (51%)
















Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12615381 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 12615381 by changing the saturation by 10% instead.



 12615381	 12615381
 16777215	 10773689
 16430335	 8997790
 16765183	 7221892
 16772351	 5511530
	 3866705
	 2424890
	 36
	 11
	 0

 12615381


 12615381

 12282325

 12948437

 11949013

 13281749

 11615957

 13614805

 11217365

 14013397

 10884053

 14346709

 10617045

 14679765

 15007701

 15335381

 15663061

# Harmonies

## Analogous

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



8163824



12615381



15036330

# Triad

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



12615381



12619574



44725

# Complementary

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



12615381



9688446

# 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.



44420



12615381



9739832

# Square

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



12615381



14712145



6072407



43998

# Rectangle

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



12615381



15625610



6072407



44709



# Sweetspot

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



12615381



16310527



8295637



8089216



0



8421504



# Same Dimension

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



12615381



14779135



13991615



6905963



8519851



2162731



# Inverse Universe

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



13991571



16745120



8312212



7037027



11206697



2818058



# Previews

## White Background



This preview shows how the Decimal color 12615381 looks on a white background.

## Color Contrast Check

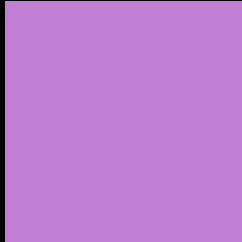
Large Text (above 18pt) WCAG AA × Fail

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 12615381 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

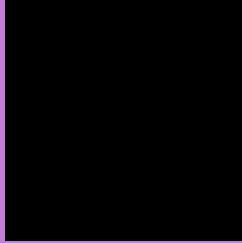
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12615381 Background



This preview shows how black text looks on a background with the Decimal color 12615381.



This preview shows how white text looks on a background with the Decimal color 12615381.

# 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**  
12029078

# Trichromacy



**Original Color**  
12615381



**Protanomaly**  
9670113



**Deuteranomaly**  
10128850



**Tritanomaly**  
12224429

# Monochromacy



**Original Color**  
12615381



**Achromatopsia**  
10263708



**Achromatomaly**  
11112881

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12615381 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 #C07ED5 looks like.

```
.text, #text, p{  
    color:#C07ED5  
}
```

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 #C07ED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C07ED5
}
```

## Border

The CSS property to change the border of an element to Decimal 12615381 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
#C07ED5 }
```

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

```
.border{ border-color:#C07ED5 }
```

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

Here you see how a box with a 4 pixel #C07ED5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C07ED5; -webkit-box-shadow:4px 4px  
4px 4px #C07ED5; box-shadow:4px 4px 4px  
4px #C07ED5 }
```

# Background

The CSS property to change the background color of an element to Decimal 12615381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C07ED5 }
```

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

```
.background{ background-color:#C07ED5 }
```

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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