

# Converting Colors

Decimal(12824527)

Have a look what the booklet for  
Decimal(12824527) contains.

<b>Decimal(12824527)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(12824527)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3AFCF
RGB	195, 175, 207
RGB Percent	76%, 69%, 81%
CMY	0.2353, 0.3137, 0.1882
CMYK	0.06, 0.15, 0.00, 0.19
HSL	278°, 25%, 75%
HSV	278°, 15%, 81%
XYZ	49.0981, 46.7670, 65.4707
YIQ	184.6280, 1.6480, 14.1920

# Conversions

## Conversions Part 2

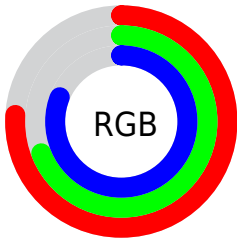
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 175, 207
Decimal	12824527
CIELab	74.04, 13.08, -13.57
CIELCh	74, 18.844, 313.957
Yxy	46.7670, 0.3043, 0.2899
Android (android.graphics.Color)	4291014607 (0xFFC3AFCF)
YUV	184.6280, 11.0294, 9.0962
Hunter-Lab	68.3864, 8.4781, -8.8916

# Details

The Decimal color **12824527** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **12308399**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **16574463**, and **9272217** is the 20% darker color. If you saturate the color by 10%, you get **12294863**, and if you desaturate by 10%, it is **13354191**.

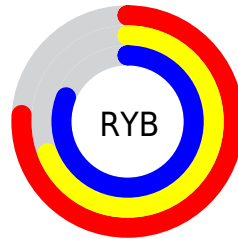
# Distribution



Red (76%)

Green (69%)

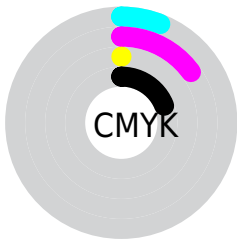
Blue (81%)



Red (76%)

Yellow (69%)

Blue (81%)

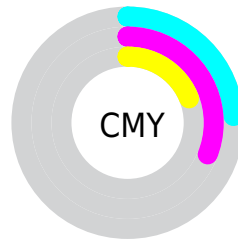


Cyan (6%)

Magenta (15%)

Yellow (0%)

Black (19%)



Cyan (24%)

Magenta (31%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12824527 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 12824527 by changing the saturation by 10% instead.



■ 12824527

■ 12824527

16777215

■ 11048115

■ 16574463

■ 9272217

■ 7627391

■ 5982822

■ 4404046

■ 2956855

■ 1639969

■ 8


■ 0

 12824527

 12824527

 12294863

 13354191

 11765455

 13883599

 11301327

 14347727

 10771663

 14876623

 10242255

 15400911

 9712591

 15925199

 9248463

 16383951

 8718799

 16777167

 8454351

# Harmonies

## Analogous

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



11384279



12824527



13872064

# Triad

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



12824527



13415061



9027774

# Complementary

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



12824527



12308399

# 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.



9813932



12824527



12302228

# Square

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



12824527



14134687



10992797



9027277

# Rectangle

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



12824527



14265012



10992797



9224376



# Sweetspot

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



12824527



16446207



11516879



8222848



0



8421504



# Same Dimension

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



12824527



15585279



13610955



6643305



6881448



1703977



# Inverse Universe

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



13610939



16764897



11521971



6905442



11010111

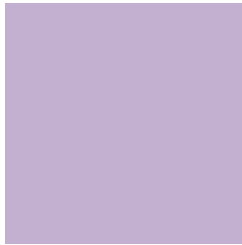


2686991



# Previews

## White Background



This preview shows how the Decimal color 12824527 looks on a white background.

## Color Contrast Check

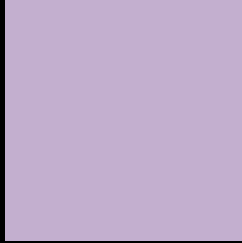
Large Text (above 18pt) WCAG AA × Fail

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 12824527 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

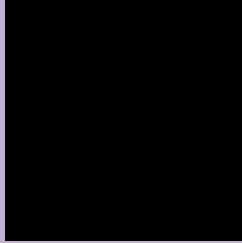
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12824527 Background



This preview shows how black text looks on a background with the Decimal color 12824527.



This preview shows how white text looks on a background with the Decimal color 12824527.

# 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



**Original Color**  
12824527

**Protanopia**  
11646419

**Deuteranopia**  
12366287



**Tritanopia**  
12694208

# Trichromacy



**Original Color**  
12824527

**Protanomaly**  
12104658

**Deuteranomaly**  
12562639

**Tritanomaly**  
12759493

# Monochromacy



**Original Color**  
12824527

**Achromatopsia**  
12171705

**Achromatomaly**  
12432833

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12824527 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 #C3AFCF looks like.

```
.text, #text, p{  
    color:#C3AFCF  
}
```

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 #C3AFCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3AFCF
}
```

## Border

The CSS property to change the border of an element to Decimal 12824527 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
#C3AFCF }
```

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

```
.border{ border-color:#C3AFCF }
```

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

Here you see how a box with a 4 pixel #C3AFCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3AFCF; -webkit-box-shadow:4px 4px  
4px 4px #C3AFCF; box-shadow:4px 4px 4px  
4px #C3AFCF }
```

# Background

The CSS property to change the background color of an element to Decimal 12824527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3AFCF }
```

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

```
.background{ background-color:#C3AFCF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor