

Converting Colors

Decimal(12433375)

Have a look what the booklet for
Decimal(12433375) contains.

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Color

Decimal(12433375)

Conversions

Conversions Part 1

Format	Color
Hex	BDB7DF
RGB	189, 183, 223
RGB Percent	74%, 72%, 87%
CMY	0.2588, 0.2824, 0.1255
CMYK	0.15, 0.18, 0.00, 0.13
HSL	249°, 38%, 80%
HSV	249°, 18%, 87%
XYZ	51.2390, 50.0135, 76.7650
YIQ	189.3540, -9.2640, 13.7120

Conversions

Conversions Part 2

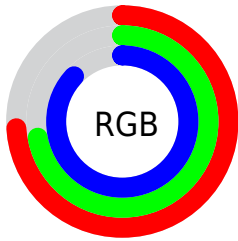
Format	Color
R_{YB}	189, 183, 223
Decimal	12433375
CIE _{Lab}	76.08, 10.05, -19.25
CIE _{LCh}	76, 21.715, 297.564
Yxy	50.0135, 0.2878, 0.2809
Android (android.graphics.Color)	4290623455 (0xFFBDB7DF)
YUV	189.3540, 16.5875, -0.3105
Hunter-Lab	70.7202, 5.5685, -14.8536

Details

The Decimal color **12433375** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **14278583**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **16183295**, and **8880808** is the 20% darker color. If you saturate the color by 10%, you get **11182559**, and if you desaturate by 10%, it is **13684191**.

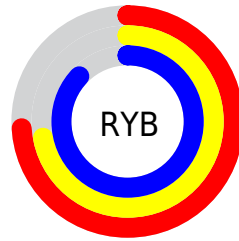
Distribution



Red (74%)

Green (72%)

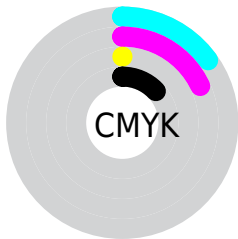
Blue (87%)



Red (74%)

Yellow (72%)

Blue (87%)

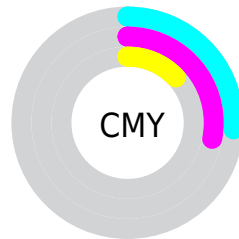


Cyan (15%)

Magenta (18%)

Yellow (0%)

Black (13%)



Cyan (26%)

Magenta (28%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12433375 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 12433375 by changing the saturation by 10% instead.

■ 12433375

■ 12433375

16777215

■ 10656963

■ 16183295

■ 8880808

■ 7235981

■ 5591412

■ 4012635

■ 2499651

■ 1118253

■ 280

■ 0

■ 12433375

■ 12433375

■ 11182559

■ 13684191

■ 9931487

■ 14935263

■ 8680671

■ 16186079

■ 7429855

■ 16777183

■ 6178783

■ 4927967

■ 3677151

■ 2426335

■ 2162911

Harmonies

Analogous

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



10665699



12433375



13939153

Triad

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



12433375



14529434



9291705

Complementary

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



12433375



14278583

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.



10536358



12433375



13482644

Square

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



12433375



15052458



12042392



8701901

Rectangle

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



12433375



14659269



12042392



9619378

Sweetspot

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



12433375



16052991



12048863



7960704



0



8421504

Same Dimension

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



12433375



13617151



13744095



6776176



1704112



458800

Inverse Universe

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



14661593



16762871



12967863



7365999



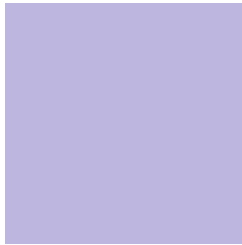
11534486



3145769

Previews

White Background



This preview shows how the Decimal color 12433375 looks on a white background.

Color Contrast Check

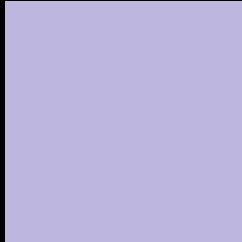
Large Text (above 18pt) WCAG AA × Fail

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 12433375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

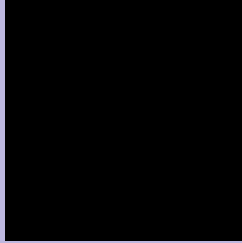
Any Text WCAG AA ✓ Pass

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 12433375 Background



This preview shows how black text looks on a background with the Decimal color 12433375.



This preview shows how white text looks on a background with the Decimal color 12433375.

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
12433375

Protanopia
11778785

Deuteranopia
12367839



Tritanopia
12172234

Trichromacy



Original Color
12433375

Protanomaly
12040672

Deuteranomaly
12367839

Tritanomaly
12237522

Monochromacy



Original Color
12433375

Achromatopsia
12434877

Achromatomaly
12434377

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12433375 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 #BDB7DF looks like.

```
.text, #text, p{  
    color:#BDB7DF  
}
```

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 #BDB7DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDB7DF
}
```

Border

The CSS property to change the border of an element to Decimal 12433375 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
#BDB7DF }
```

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

```
.border{ border-color:#BDB7DF }
```

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

Here you see how a box with a 4 pixel #BDB7DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDB7DF; -webkit-box-shadow:4px 4px  
4px 4px #BDB7DF; box-shadow:4px 4px 4px  
4px #BDB7DF }
```

Background

The CSS property to change the background color of an element to Decimal 12433375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDB7DF }
```

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

```
.background{ background-color:#BDB7DF }
```

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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