

# Converting Colors

Decimal(13219801)

Have a look what the booklet for  
Decimal(13219801) contains.

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# **Color**

**Decimal(13219801)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9B7D9
RGB	201, 183, 217
RGB Percent	79%, 72%, 85%
CMY	0.2118, 0.2824, 0.1490
CMYK	0.07, 0.16, 0.00, 0.15
HSL	272°, 31%, 78%
HSV	272°, 16%, 85%
XYZ	53.5453, 51.2942, 72.7243
YIQ	192.2580, -0.1860, 14.3900

# Conversions

## Conversions Part 2

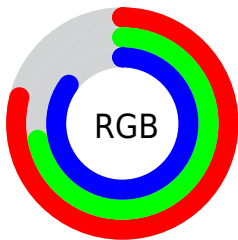
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 183, 217
Decimal	13219801
CIE <sub>Lab</sub>	76.86, 12.70, -14.73
CIE <sub>LCh</sub>	77, 19.450, 310.785
Yxy	51.2942, 0.3016, 0.2889
Android (android.graphics.Color)	4291409881 (0xFFC9B7D9)
YUV	192.2580, 12.1978, 7.6667
Hunter-Lab	71.6200, 8.1170, -10.0702

# Details

The Decimal color **13219801** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **13097399**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **16773119**, and **9667234** is the 20% darker color. If you saturate the color by 10%, you get **12558809**, and if you desaturate by 10%, it is **13880793**.

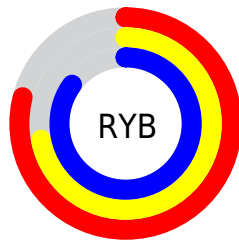
# Distribution



Red (79%)

Green (72%)

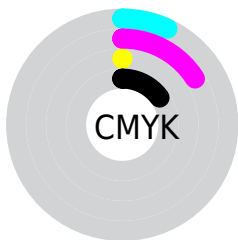
Blue (85%)



Red (79%)

Yellow (72%)

Blue (85%)

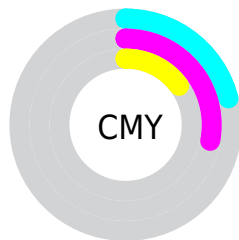


Cyan (7%)

Magenta (16%)

Yellow (0%)

Black (15%)



Cyan (21%)

Magenta (28%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13219801 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 13219801 by changing the saturation by 10% instead.



■ 13219801

■ 13219801

16777215

■ 11443389

■ 16773119

■ 9667234

■ 7956872

■ 6312302

■ 4733526

■ 3220543

■ 1839145

■ 276

■ 0

13219801

13219801

12558809

13880793

11898073

14541529

11171545

15268057

10510553

15925209

9849817

16580569

9188825

16777177

8527833

7801305

7536857

# Harmonies

## Analogous

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



11714017



13219801



14398154

# Triad

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



13219801



14072220



9488580

# Complementary

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



13219801



13097399

# 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.



10340273



13219801



12959642

# Square

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



13219801



14791847



11650210



9422805

# Rectangle

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



13219801



14791102



11650210



9685182



# Sweetspot

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



13219801



16380671



12044249



8157312



0



8421504



# Same Dimension

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



13219801



15257599



14268376



6841198



6029485



1572910



# Inverse Universe

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



14268359



16764901



12048824



7234408



11337810

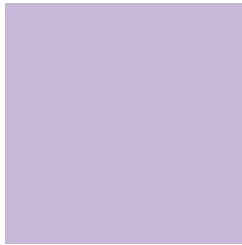


3014678



# Previews

## White Background



This preview shows how the Decimal color 13219801 looks on a white background.

## Color Contrast Check

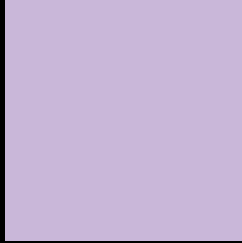
Large Text (above 18pt) WCAG AA × Fail

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 13219801 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

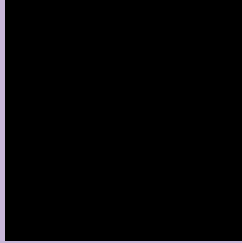
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13219801 Background



This preview shows how black text looks on a background with the Decimal color 13219801.



This preview shows how white text looks on a background with the Decimal color 13219801.

# 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**  
13023944

# Trichromacy



**Original Color**  
13219801

**Protanomaly**  
12499675

**Deuteranomaly**  
12957913

**Tritanomaly**  
13089230

# Monochromacy



**Original Color**  
13219801

**Achromatopsia**  
12632256

**Achromatomaly**  
12828105

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13219801 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 #C9B7D9 looks like.

```
.text, #text, p{  
    color:#C9B7D9  
}
```

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 #C9B7D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9B7D9
}
```

## Border

The CSS property to change the border of an element to Decimal 13219801 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
#C9B7D9 }
```

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

```
.border{ border-color:#C9B7D9 }
```

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

Here you see how a box with a 4 pixel `#C9B7D9` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9B7D9; -webkit-box-shadow:4px 4px  
4px 4px #C9B7D9; box-shadow:4px 4px 4px  
4px #C9B7D9 }
```

# Background

The CSS property to change the background color of an element to Decimal 13219801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9B7D9 }
```

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

```
.background{ background-color:#C9B7D9 }
```

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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