

# Converting Colors

Decimal(13737421)

Have a look what the booklet for  
Decimal(13737421) contains.

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# **Color**

**Decimal(13737421)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D19DCD
RGB	209, 157, 205
RGB Percent	82%, 62%, 80%
CMY	0.1804, 0.3843, 0.1961
CMYK	0.00, 0.25, 0.02, 0.18
HSL	305°, 36%, 72%
HSV	305°, 25%, 82%
XYZ	49.3709, 42.0770, 63.2772
YIQ	178.0200, 15.5840, 25.9520

# Conversions

## Conversions Part 2

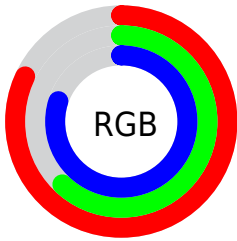
Format	Color
<code>RYB</code>	<code>209, 157, 205</code>
Decimal	<code>13737421</code>
CIELab	<code>70.92, 27.25, -17.03</code>
CIELCh	<code>71, 32.139, 327.998</code>
Yxy	<code>42.0770, 0.3191, 0.2719</code>
Android ( <code>android.graphics.Color</code> )	<code>4291927501 (0xFFD19DCD)</code>
YUV	<code>178.0200, 13.3011, 27.1695</code>
Hunter-Lab	<code>64.8668, 22.3416, -12.4302</code>

# Details

The Decimal color **13737421** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10342817**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **16766207**, and **10119575** is the 20% darker color. If you saturate the color by 10%, you get **13732043**, and if you desaturate by 10%, it is **13742799**.

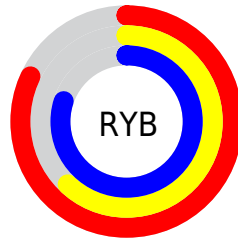
# Distribution



Red (82%)

Green (62%)

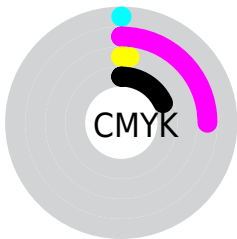
Blue (80%)



Red (82%)

Yellow (62%)

Blue (80%)

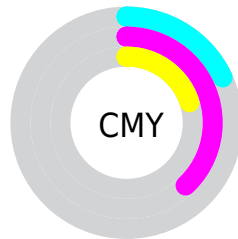


Cyan (0%)

Magenta (25%)

Yellow (2%)

Black (18%)



Cyan (18%)

Magenta (38%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13737421 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 13737421 by changing the saturation by 10% instead.



13737421

13737421

16777215

11895729

16766207

10119575

16773375

8343677

6699364

5055052

3476277

2293792

3

0

 13737421

 13737421

 13732043

 13742799

 13726666

 13748176

 13721288

 13753554

 13715911

 13758931

 13710789

 13762517

 13705411

 13762519

 13700034

 13762520

 13697217

 13762522

 13762523

# Harmonies

## Analogous

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



11511777



13737421



14981297

# Triad

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



13737421



12888947



5029320

# Complementary

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



13737421



10342817

# 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.



6405547



13737421



10859641

# Square

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



13737421



14393725



8632974



5945822

# Rectangle

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



13737421



15243421



8632974



5291711



# Sweetspot

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



13737421



16772606



10526161



8418687



0



8421504



# Same Dimension

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



13737421



16757753



13737396



6905448



11010203



2687014



# Inverse Universe

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



13737421



16757753



10342842



6905448



11010203

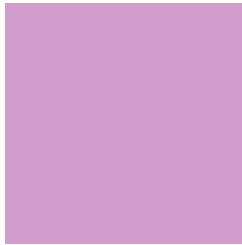


2687014



# Previews

## White Background



This preview shows how the Decimal color 13737421 looks on a white background.

## Color Contrast Check

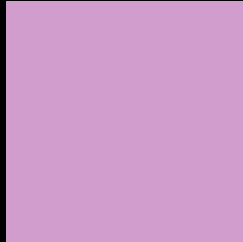
Large Text (above 18pt) WCAG AA × Fail

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 13737421 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 13737421 Background



This preview shows how black text looks on a background with the Decimal color 13737421.

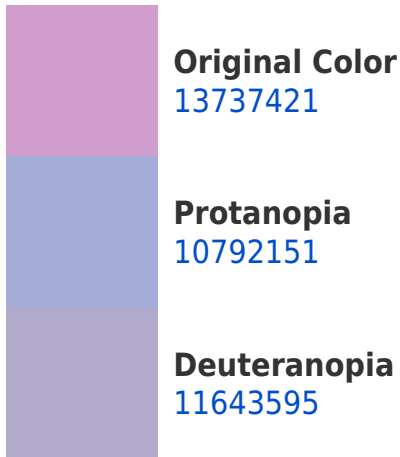


This preview shows how white text looks on a background with the Decimal color 13737421.

# 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**  
13476527

# Trichromacy



**Original Color**  
13737421

**Protanomaly**  
11839443

**Deuteranomaly**  
12428748

**Tritanomaly**  
13541562

# Monochromacy



**Original Color**  
13737421

**Achromatopsia**  
11711154

**Achromatomaly**  
12430012

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13737421 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 #D19DCD looks like.

```
.text, #text, p{  
    color:#D19DCD  
}
```

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 #D19DCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D19DCD
}
```

## Border

The CSS property to change the border of an element to Decimal 13737421 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
#D19DCD }
```

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

```
.border{ border-color:#D19DCD }
```

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

Here you see how a box with a 4 pixel #D19DCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D19DCD; -webkit-box-shadow:4px 4px  
4px 4px #D19DCD; box-shadow:4px 4px 4px  
4px #D19DCD }
```

# Background

The CSS property to change the background color of an element to Decimal 13737421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D19DCD }
```

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

```
.background{ background-color:#D19DCD }
```

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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