

# Converting Colors

Decimal(13737676)

Have a look what the booklet for  
Decimal(13737676) contains.

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# **Color**

**Decimal(13737676)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D19ECC
RGB	209, 158, 204
RGB Percent	82%, 62%, 80%
CMY	0.1804, 0.3804, 0.2000
CMYK	0.00, 0.24, 0.02, 0.18
HSL	306°, 36%, 72%
HSV	306°, 24%, 82%
XYZ	49.4204, 42.3687, 62.7000
YIQ	178.4930, 15.6300, 25.1180

# Conversions

## Conversions Part 2

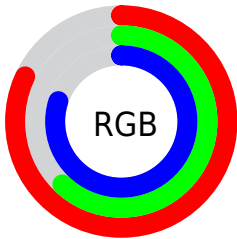
Format	Color
RYB	209, 158, 204
Decimal	13737676
CIELab	71.12, 26.53, -16.18
CIELCh	71, 31.070, 328.622
Yxy	42.3687, 0.3199, 0.2743
Android (android.graphics.Color)	4291927756 (0xFFD19ECC)
YUV	178.4930, 12.5750, 26.7546
Hunter-Lab	65.0912, 21.6163, -11.5480

# Details

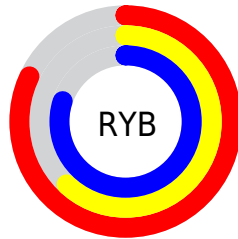
The Decimal color **13737676** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10408355**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **16766463**, and **10119830** is the 20% darker color. If you saturate the color by 10%, you get **13732298**, and if you desaturate by 10%, it is **13743054**.

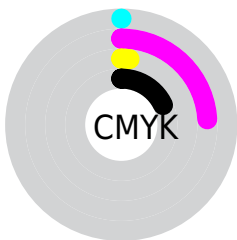
# Distribution



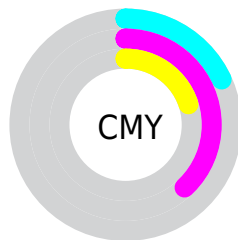
- Red (82%)
- Green (62%)
- Blue (80%)



- Red (82%)
- Yellow (62%)
- Blue (80%)



- Cyan (0%)
- Magenta (24%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (38%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13737676 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 13737676 by changing the saturation by 10% instead.



 13737676

 13737676

16777215

 11895985

 16766463

 10119830

 16773887

 8409468

 6699619

 5055307

 3476532

 2293791

 2

 0

 13737676

 13737676

 13732298

 13743054

 13726920

 13748432

 13721542

 13753810

 13716164

 13759188

 13711042

 13762518

 13705664

 13762520

 13700286

 13762522

 13697213

 13762524

 13762526

# Harmonies

## Analogous

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



11577312



13737676



14916017

# Triad

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



13737676



12823669



5422536

# Complementary

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



13737676



10408355

# 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.



6667948



13737676



10859900

# Square

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



13737676



14328447



8764304



6339038

# Rectangle

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



13737676



15178397



8764304



5619391



# Sweetspot

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



13737676



16772605



10657489



8418687



0



8421504



# Same Dimension

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



13737676



16758264



13737651



6905448



11010200



2687013



# Inverse Universe

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



13737676



16758264



10408380



6905448



11010200



2687013



# Previews

## White Background



This preview shows how the Decimal color 13737676 looks on a white background.

## Color Contrast Check

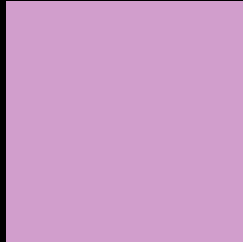
Large Text (above 18pt) WCAG AA × Fail

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 13737676 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

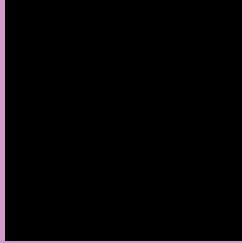
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13737676 Background



This preview shows how black text looks on a background with the Decimal color 13737676.

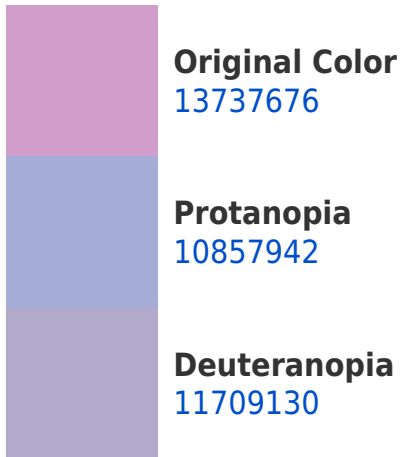


This preview shows how white text looks on a background with the Decimal color 13737676.

# 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**  
13476784

# Trichromacy



**Original Color**  
13737676

**Protanomaly**  
11905234

**Deuteranomaly**  
12429003

**Tritanomaly**  
13541818

# Monochromacy



**Original Color**  
13737676

**Achromatopsia**  
11711154

**Achromatomaly**  
12430267

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13737676 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 #D19ECC looks like.

```
.text, #text, p{  
    color:#D19ECC  
}
```

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 #D19ECC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D19ECC
}
```

## Border

The CSS property to change the border of an element to Decimal 13737676 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
#D19ECC }
```

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

```
.border{ border-color:#D19ECC }
```

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

Here you see how a box with a 4 pixel #D19ECC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D19ECC; -webkit-box-shadow:4px 4px  
4px 4px #D19ECC; box-shadow:4px 4px 4px  
4px #D19ECC }
```

# Background

The CSS property to change the background color of an element to Decimal 13737676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D19ECC }
```

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

```
.background{ background-color:#D19ECC }
```

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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