

# Converting Colors

Decimal(13738172)

Have a look what the booklet for  
Decimal(13738172) contains.

<b>Decimal(13738172)</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(13738172)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1A0BC
RGB	209, 160, 188
RGB Percent	82%, 63%, 74%
CMY	0.1804, 0.3725, 0.2627
CMYK	0.00, 0.23, 0.10, 0.18
HSL	326°, 35%, 72%
HSV	326°, 23%, 82%
XYZ	47.9424, 42.3278, 53.2202
YIQ	177.8430, 20.2160, 19.0960

# Conversions

## Conversions Part 2

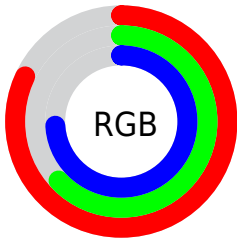
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 160, 188
Decimal	13738172
CIE <sub>Lab</sub>	71.10, 22.60, -7.38
CIE <sub>LCh</sub>	71, 23.772, 341.918
Yxy	42.3278, 0.3341, 0.2950
Android (android.graphics.Color)	4291928252 (0xFFD1A0BC)
YUV	177.8430, 5.0074, 27.3247
Hunter-Lab	65.0598, 17.6816, -2.9585

# Details

The Decimal color **13738172** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10539445**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **16766964**, and **10120327** is the 20% darker color. If you saturate the color by 10%, you get **13732787**, and if you desaturate by 10%, it is **13743557**.

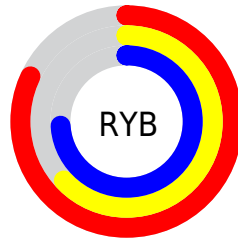
# Distribution



Red (82%)

Green (63%)

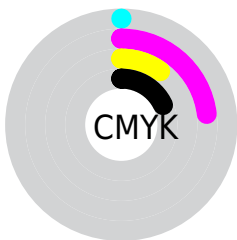
Blue (74%)



Red (82%)

Yellow (63%)

Blue (74%)

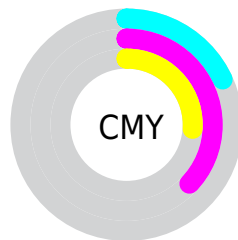


Cyan (0%)

Magenta (23%)

Yellow (10%)

Black (18%)



Cyan (18%)

Magenta (37%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13738172 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 13738172 by changing the saturation by 10% instead.



 13738172

 13738172

16777215

 11896481

 16766964

 10120327

 16774399

 8409965

 6700117

 5055806

 3542824

 2293780

 0

 13738172

 13738172

 13732787

 13743557

 13727402

 13748942

 13722017

 13754327

 13716632

 13759712

 13711503

 13762537

 13706118

 13762546

 13700733

 13762555

 13697143

 13762559

# Harmonies

## Analogous

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



12363470



13738172



14327718

# Triad

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



13738172



11906948



7453130

# Complementary

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



13738172



10539445

# 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.



7584438



13738172



10335629

# Square

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



13738172



13281413



8763808



8631511

# Rectangle

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



13738172



14327960



8763808



7387588



# Sweetspot

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



13738172



16772599



11837649



8418683



0



8421504



# Same Dimension

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



13738172



16759008



13738148



6905444



11010144



2686999



# Inverse Universe

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



13738172



16759008



10539469



6905444



11010144

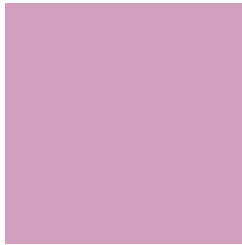


2686999



# Previews

## White Background



This preview shows how the Decimal color 13738172 looks on a white background.

## Color Contrast Check

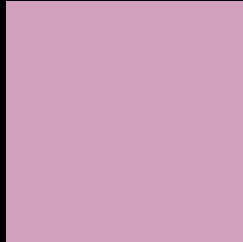
Large Text (above 18pt) WCAG AA × Fail

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 13738172 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

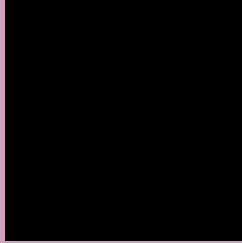
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13738172 Background



This preview shows how black text looks on a background with the Decimal color 13738172.



This preview shows how white text looks on a background with the Decimal color 13738172.

# 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**  
13738172

**Protanopia**  
11251140

**Deuteranopia**  
12233146



**Tritanopia**  
13607599

# Trichromacy



**Original Color**  
13738172

**Protanomaly**  
12167361

**Deuteranomaly**  
12756667

**Tritanomaly**  
13672884

# Monochromacy



**Original Color**  
13738172

**Achromatopsia**  
11711154

**Achromatomaly**  
12430262

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13738172 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 #D1A0BC looks like.

```
.text, #text, p{  
    color:#D1A0BC  
}
```

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 #D1A0BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1A0BC
}
```

## Border

The CSS property to change the border of an element to Decimal 13738172 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
#D1A0BC }
```

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

```
.border{ border-color:#D1A0BC }
```

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

Here you see how a box with a 4 pixel #D1A0BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1A0BC; -webkit-box-shadow:4px 4px  
4px 4px #D1A0BC; box-shadow:4px 4px 4px  
4px #D1A0BC }
```

# Background

The CSS property to change the background color of an element to Decimal 13738172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1A0BC }
```

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

```
.background{ background-color:#D1A0BC }
```

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