

# Converting Colors

HunterLab(42.9872, 81.5699,  
-33.8735)

Have a look what the booklet for  
HunterLab(42.9872, 81.5699,  
-33.8735) contains.

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# Color

**HunterLab(42.9872, 81.5699,  
-33.8735)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB00B7
RGB	219, 0, 183
RGB Percent	86%, 0%, 72%
CMY	0.1412, 0.9998, 0.2824
CMYK	0.00, 1.00, 0.16, 0.14
HSL	310°, 100%, 43%
HSV	310°, 100%, 86%
XYZ	37.7607, 18.4790, 46.3764
YIQ	86.3430, 71.7810, 103.3410

# Conversions

## Conversions Part 2

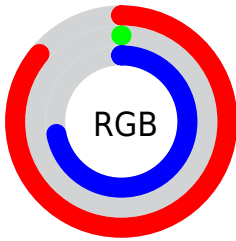
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 0, 183
Decimal	14352567
CIE <sub>Lab</sub>	50.07, 82.77, -36.56
CIE <sub>LCh</sub>	50, 90.486, 336.169
Yxy	18.4799, 0.3680, 0.1801
Android (android.graphics.Color)	4292542647 (0xFFDB00B7)
YUV	86.3430, 47.6519, 116.3402
Hunter-Lab	42.9872, 81.5699, -33.8735

# Details

The HunterLab color **42.9872, 81.5699, -33.8735** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **71.2680, -60.4722, 41.4652**, and the grayscale version is **30.4518, -1.6248, 1.6545**.

A 20% lighter version of the original color is **59.7297, 77.5067, -42.8981**, and **29.9264, 56.5460, -21.7167** is the 20% darker color. If you saturate the color by 10%, you get **42.9870, 81.5691, -33.8694**, and if you desaturate by 10%, it is **43.8206, 79.8409, -34.9080**.

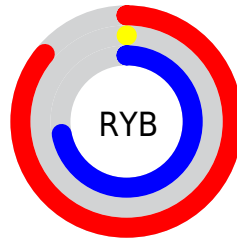
# Distribution



Red (86%)

Green (0%)

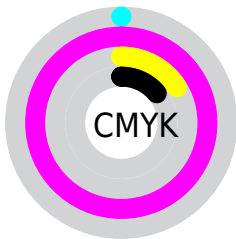
Blue (72%)



Red (86%)

Yellow (0%)

Blue (72%)

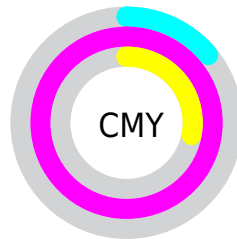


Cyan (0%)

Magenta (100%)

Yellow (16%)

Black (14%)



Cyan (14%)

Magenta (100%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.9872, 81.5699, -33.8735 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 HunterLab color 42.9872, 81.5699, -33.8735 by changing the saturation by 10% instead.



42.9872, 81.5699,  
-33.8735

42.9872, 81.5699,  
-33.8735

156.0649,  
101.9165, -38.4023

33.6082, 79.1383,  
-33.2666

63.9167, 86.5626,  
-35.1469

25.0314, 76.9716,  
-32.7935

75.3730, 89.0022,  
-35.7507

17.3416, 75.5113,  
-32.6778

87.4422, 91.3682,  
-36.3133

10.6562, 76.0209,  
-33.5555

100.0946, 93.6511,  
-36.8293

0.8998, 528.7137,  
-237.4865

113.3044, 95.8471,  
-37.2965

0.0000, INF, -NF

0.0000, NaN, -NF

127.0491, 97.9557,

-37.7140

0.0000, NaN, NaN

141.3086, 99.9781,  
-38.0823

0.0000, NaN, NaN

■ 42.9872, 81.5699,  
-33.8735

■ 42.9872, 81.5699,  
-33.8735

■ 42.9870, 81.5691,  
-33.8694

■ 43.8206, 79.8409,  
-34.9080

■ 45.3609, 75.7588,  
-34.5481

■ 47.7623, 69.1282,  
-32.5721

■ 51.0198, 60.4505,  
-29.1712

■ 55.0727, 50.3927,  
-24.6746

■ 59.8328, 39.5679,  
-19.4244

■ 65.2058, 28.4331,  
-13.7036

■ 71.1035, 17.2810,  
-7.7155

■ 77.4488, 6.2748,  
-1.5928

# Harmonies

## Analogous

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



42.9883, 46.9050, -92.5945



42.9872, 81.5699, -33.8735



42.9883, 90.9500, 8.8572

# Triad

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



42.9883, 81.5667, -33.8715



42.9883, -9.5144, 30.0918



42.9883, -45.2526, -57.8423

# Complementary

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



42.9872, 81.5699, -33.8735



71.2680, -60.4722, 41.4652

# 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.



42.9883, -51.8777, -5.3904



42.9872, 81.5699, -33.8735



42.9883, -36.1111, 28.8108

# Square

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



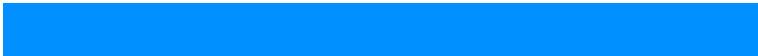
42.9883, 81.5667, -33.8715



42.9883, 29.5518, 29.7484



42.9883, -49.1956, 21.4015



42.9883, -26.9325, -112.7497



# Rectangle

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



42.9872, 81.5699, -33.8735



42.9883, 79.5782, 22.4812



42.9883, -49.1956, 21.4015



42.9883, -48.5877, -38.2345

# Sweetspot

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



42.9883, 81.5667, -33.8715



77.2893, 34.1473, -16.4736



23.3169, 61.8558, -154.9634



34.4672, 18.4090, -8.9802

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



42.9883, 81.5667, -33.8715



51.0567, 96.8527, -40.0032



39.4871, 68.9627, 15.0867



36.3815, 2.6544, -0.5867



33.1223, 62.8847, -26.3617



8.4897, 16.2142, -7.5008



# Inverse Universe

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



42.9883, 81.5667, -33.8715



51.0567, 96.8527, -40.0032



72.5449, -52.5416, 22.7494



36.3815, 2.6544, -0.5867



33.1223, 62.8847, -26.3617



8.4897, 16.2142, -7.5008



# Previews

## White Background



This preview shows how the HunterLab color 42.9872, 81.5699, -33.8735 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

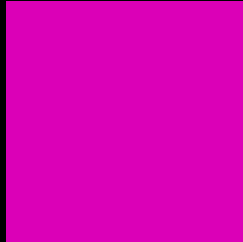
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 42.9872, 81.5699, -33.8735 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

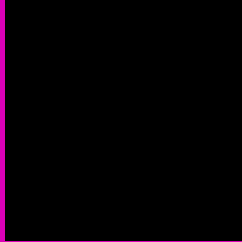
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# HunterLab 42.9872, 81.5699, -33.8735 Background



This preview shows how black text looks on a background with the HunterLab color 42.9872, 81.5699, -33.8735.



This preview shows how white text looks on a background with the HunterLab color 42.9872, 81.5699, -33.8735.

-33.8735.

# 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

42.9872, 81.5699, -33.8735

### Protanopia

44.1587, 16.9250, -91.7307

### Deuteranopia

43.8592, 3.1877, -25.6798



## Tritanopia

43.4260, 48.1407, 18.2664

# Trichromacy



## Original Color

42.9872, 81.5699, -33.8735



## Protanomaly

34.6191, 38.4735, -98.7711



## Deuteranomaly

37.8460, 37.9941, -40.3618



## Tritanomaly

41.6388, 62.2200, 3.6516

# Monochromacy



## Original Color

42.9872, 81.5699, -33.8735



## Achromatopsia

30.5056, -1.6277, 1.6574



## Achromatomaly

30.3005, 33.2708, -16.1422

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 42.9872, 81.5699, -33.8735 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 `rgb(219, 0, 183)` looks like.

```
.text, #text, p{  
    color:rgb(219, 0, 183)  
}
```

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 rgb(219, 0, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 0, 183) }
```

## Border

The CSS property to change the border of an element to HunterLab 42.9872, 81.5699, -33.8735 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 rgb(219, 0, 183) }
```



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

```
.border{ border-color:rgb(219, 0, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 0, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 0, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 0, 183);  
box-shadow:4px 4px 4px 4px rgb(219, 0,  
183) }
```

# Background

The CSS property to change the background color of an element to HunterLab 42.9872, 81.5699, -33.8735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 0, 183) }
```

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

```
.background{ background-color: rgb(219, 0,  
183) }
```

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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