

# Converting Colors

HunterLab(35.3892, 69.0810,  
-42.8372)

Have a look what the booklet for  
HunterLab(35.3892, 69.0810,  
-42.8372) contains.

<b>HunterLab(35.4977, 69.2901, -42.9471)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(35.4977, 69.2901,  
-42.9471)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B300AD
RGB	179, 0, 173
RGB Percent	70%, 0%, 68%
CMY	0.2980, 0.9999, 0.3216
CMYK	0.00, 1.00, 0.03, 0.30
HSL	302°, 100%, 35%
HSV	302°, 100%, 70%
XYZ	26.1333, 12.6009, 40.5900
YIQ	73.2430, 51.1510, 91.7510

# Conversions

## Conversions Part 2

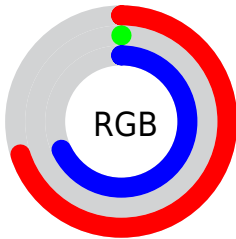
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 0, 173
Decimal	11731117
CIELab	42.16, 74.46, -43.67
CIELCh	42, 86.318, 329.607
Yxy	12.6015, 0.3294, 0.1589
Android (android.graphics.Color)	4289921197 (0xFFB300AD)
YUV	73.2430, 49.1802, 92.7489
Hunter-Lab	35.4977, 69.2901, -42.9471

# Details

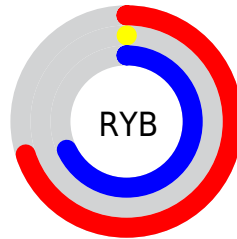
The HunterLab color **35.4977, 69.2901, -42.9471** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **56.7926, -48.6161, 33.9637**, and the grayscale version is **25.7206, -1.3724, 1.3974**.

A 20% lighter version of the original color is **55.3746, 74.1568, -43.9504**, and **23.2831, 45.6970, -30.1023** is the 20% darker color. If you saturate the color by 10%, you get **35.4978, 69.2903, -42.9464**, and if you desaturate by 10%, it is **36.1308, 67.2307, -41.9369**.

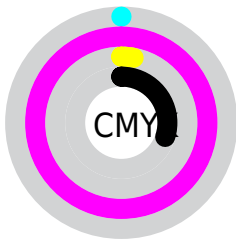
# Distribution



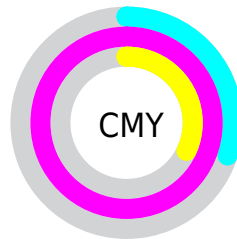
- Red (70%)
- Green (0%)
- Blue (68%)



- Red (70%)
- Yellow (0%)
- Blue (68%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (30%)



- Cyan (30%)
- Magenta (100%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.4977, 69.2901, -42.9471 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 35.4977, 69.2901, -42.9471 by changing the saturation by 10% instead.



35.4977, 69.2901,  
-42.9471

35.4977, 69.2901,  
-42.9471

144.3425, 88.3218,  
-48.5716

26.7483, 67.0173,  
-42.6355

55.3045, 74.0223,  
-44.1664

18.8654, 65.1104,  
-42.8898

66.2513, 76.3271,  
-44.8664

11.9586, 64.2958,  
-44.5464

77.8380, 78.5521,  
-45.5654

4.8861, 90.3880,  
-66.1854

90.0310, 80.6877,  
-46.2429

0.0000, INF, -NF

0.0000, NaN, -NF

102.8015, 82.7313,  
-46.8875

0.0000, NaN, NaN

116.1245, 84.6833,

0.0000, NaN, NaN

-47.4924

0.0000, NaN, NaN

129.9781, 86.5458,  
-48.0544

■ 35.4977, 69.2901,  
-42.9471

■ 35.4977, 69.2901,  
-42.9471

■ 35.4978, 69.2903,  
-42.9464

■ 36.1308, 67.2307,  
-41.9369

■ 37.2809, 63.4387,  
-39.7653

■ 39.0944, 57.6727,  
-36.2540

■ 41.5702, 50.3210,  
-31.6442

■ 44.6660, 41.8975,  
-26.2668

■ 48.3177, 32.8809,  
-20.4366

■ 52.4550, 23.6346,  
-14.3978

■ 57.0106, 14.3957,  
-8.3133

■ 61.9250, 5.2986,  
-2.2794

# Harmonies

## Analogous

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



35.4985, 34.3673, -97.6468



35.4977, 69.2901, -42.9471



35.4985, 84.2000, 1.5239

# Triad

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



35.4985, 69.2880, -42.9453



35.4985, -1.4682, 24.8490



35.4985, -41.4103, -41.5064

# Complementary

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



35.4977, 69.2901, -42.9471



56.7926, -48.6161, 33.9637

# 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.



35.4985, -45.1466, 2.3359



35.4977, 69.2901, -42.9471



35.4985, -27.7010, 24.8490

# Square

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



35.4985, 69.2880, -42.9453



35.4985, 35.3830, 24.8490



35.4985, -41.2001, 20.7274



35.4985, -28.2076, -96.4098



# Rectangle

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



35.4977, 69.2901, -42.9471



35.4985, 77.7793, 16.6078



35.4985, -41.2001, 20.7274



35.4985, -43.5488, -24.2175

# Sweetspot

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



35.4985, 69.2880, -42.9453



69.8968, 32.2731, -19.6902



18.1489, 49.0068, -127.2855



31.7851, 17.6242, -10.8608



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978



# Same Dimension

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



35.4985, 69.2880, -42.9453



47.4980, 92.7030, -57.3774



31.9645, 56.7167, 5.3042



29.3968, 2.2176, -0.8871



29.8435, 58.2583, -36.1451



5.3080, 10.3837, -6.5976



# Inverse Universe

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



35.4985, 69.2880, -42.9453



47.4980, 92.7030, -57.3774



57.5115, -44.1327, 23.3868



29.3968, 2.2176, -0.8871



29.8435, 58.2583, -36.1451



5.3080, 10.3837, -6.5976



# Previews

## White Background



This preview shows how the HunterLab color 35.4977, 69.2901, -42.9471 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

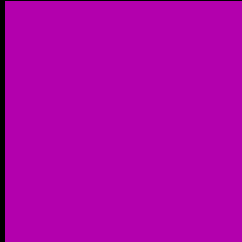
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 35.4977, 69.2901, -42.9471 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

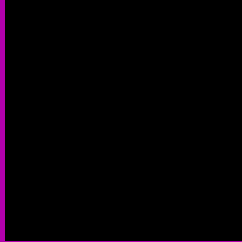
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# HunterLab 35.4977, 69.2901, -42.9471 Background



This preview shows how black text looks on a background with the HunterLab color 35.4977, 69.2901, -42.9471.



This preview shows how white text looks on a background with the HunterLab color 35.4977, 69.2901, -42.9471.

-42.9471.

# 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

35.4977, 69.2901, -42.9471

### Protanopia

36.4547, 13.3380, -74.3581

### Deuteranopia

36.5245, 2.9233, -33.6903



## Tritanopia

36.1070, 33.7033, 12.7717

# Trichromacy



## Original Color

35.4977, 69.2901, -42.9471



## Protanomaly

29.1705, 33.1083, -86.3847



## Deuteranomaly

31.2390, 31.3258, -49.5897



## Tritanomaly

34.2288, 48.8709, -3.1138

# Monochromacy



## Original Color

35.4977, 69.2901, -42.9471



## Achromatopsia

25.8120, -1.3773, 1.4024



## Achromatomaly

25.5007, 28.3076, -17.4296

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 35.4977, 69.2901, -42.9471 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(179, 0, 173)` looks like.

```
.text, #text, p{  
    color:rgb(179, 0, 173)  
}
```

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(179, 0, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 0, 173) }
```

## Border

The CSS property to change the border of an element to HunterLab 35.4977, 69.2901, -42.9471 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(179, 0, 173) }
```



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

```
.border{ border-color:rgb(179, 0, 173) }
```

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

Here you see how a box with a 4 pixel rgb(179, 0, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 0, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 0, 173);  
box-shadow:4px 4px 4px 4px rgb(179, 0,  
173) }
```

# Background

The CSS property to change the background color of an element to HunterLab 35.4977, 69.2901, -42.9471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 0, 173) }
```

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

```
.background{ background-color: rgb(179, 0,  
173) }
```

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