

# Converting Colors

HunterLab(62.8680, 39.2210,  
-42.9947)

Have a look what the booklet for  
HunterLab(62.8680, 39.2210,  
-42.9947) contains.

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# Color

**HunterLab(62.8929, 39.2305,  
-42.7530)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D18EF6
RGB	209, 142, 246
RGB Percent	82%, 56%, 96%
CMY	0.1804, 0.4431, 0.0353
CMYK	0.15, 0.42, 0.00, 0.04
HSL	279°, 85%, 76%
HSV	279°, 42%, 96%
XYZ	52.6021, 39.5552, 92.0513
YIQ	173.8890, 6.5480, 46.5480

# Conversions

## Conversions Part 2

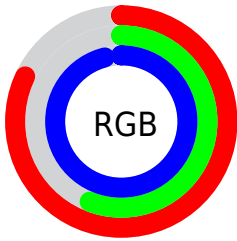
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	209, 142, 246
Decimal	13733622
CIE Lab	69.15, 43.48, -42.30
CIE LCh	69, 60.658, 315.788
Yxy	39.5568, 0.2856, 0.2147
Android (android.graphics.Color)	4291923702 (0xFFD18EF6)
YUV	173.8890, 35.5507, 30.7923
Hunter-Lab	62.8929, 39.2305, -42.7530

# Details

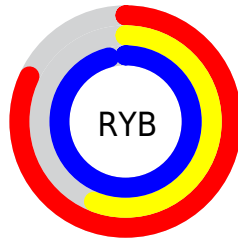
The HunterLab color  $62.8929, 39.2305, -42.7530$  is a light color, and the websafe version is hex  $CC99FF$ . A complement of this color would be  $88.0052, -39.5531, 36.2938$ , and the grayscale version is  $64.8695, -3.4613, 3.5245$ .

A 20% lighter version of the original color is  $82.7119, 26.2967, -16.3903$ , and  $42.1411, 36.2912, -41.1333$  is the 20% darker color. If you saturate the color by 10%, you get  $56.3780, 49.9238, -56.0792$ , and if you desaturate by 10%, it is  $70.0101, 28.4742, -30.2005$ .

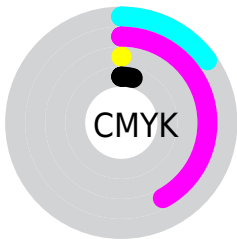
# Distribution



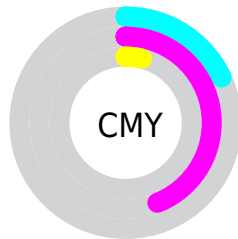
- Red (82%)
- Green (56%)
- Blue (96%)



- Red (82%)
- Yellow (56%)
- Blue (96%)



- Cyan (15%)
- Magenta (42%)
- Yellow (0%)
- Black (4%)



- Cyan (18%)
- Magenta (44%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.8929, 39.2305, -42.7530 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 62.8929, 39.2305, -42.7530 by changing the saturation by 10% instead.



62.8929, 39.2305,  
-42.7530

62.8929, 39.2305,  
-42.7530

185.5403, 47.6659,  
-47.6098

52.1471, 37.8331,  
-42.0630

86.3065, 41.6993,  
-44.1052

42.0932, 36.3204,  
-41.4147

98.9063, 42.7885,  
-44.7374

32.7841, 34.6876,  
-40.8838

112.0659, 43.7897,  
-45.3291

24.2850, 32.9429,  
-40.6316

125.7622, 44.7089,  
-45.8768

16.6821, 31.1321,  
-41.0363

139.9751, 45.5516,  
-46.3789

10.0969, 29.4388,  
-43.1742

154.6864, 46.3225,

0.0000, INF, -NF

-46.8349

0.0000, NaN, -NF

169.8797, 47.0260,  
-47.2450

0.0000, NaN, -NF

■ 62.8929, 39.2305,  
-42.7530

■ 62.8929, 39.2305,  
-42.7530

■ 56.3780, 49.9238,  
-56.0792

■ 70.0101, 28.4742,  
-30.2005

■ 50.5859, 60.1838,  
-69.9673

■ 77.6244, 17.8425,  
-18.4518

■ 45.6608, 69.3587,  
-83.8642

■ 85.6572, 7.4056,  
-7.4393

■ 41.7420, 76.5144,  
-96.7824

■ 94.0465, -2.8232,  
2.9345

■ 38.9168, 80.6668,  
-107.4411

■ 99.5047, -7.6319,  
9.2288

■ 37.3791, 81.8134,  
-113.8331

■ 99.7165, -6.8909,  
9.4826

# Harmonies

## Analogous

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



62.8942, 11.6913, -66.8089



62.8929, 39.2305, -42.7530



62.8942, 56.5800, -10.2280

# Triad

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



62.8942, 39.2291, -42.7511



62.8942, 10.1636, 35.2783



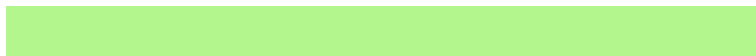
62.8942, -46.6005, -11.8656

# Complementary

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



62.8929, 39.2305, -42.7530



88.0052, -39.5531, 36.2938

# 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.



62.8942, -46.8664, 14.5683



62.8929, 39.2305, -42.7530



62.8942, -17.1154, 35.1490

# Square

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



62.8942, 39.2291, -42.7511



62.8942, 37.9462, 29.8674



62.8942, -36.9642, 29.3772



62.8942, -36.1620, -44.3847



# Rectangle

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



62.8929, 39.2305, -42.7530



62.8942, 58.4033, 8.2900



62.8942, -36.9642, 29.3772



62.8942, -47.8134, -1.8659

# Sweetspot

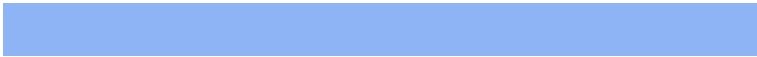
The Sweet Spot groups the original color and five complimentary colors.



62.8942, 39.2291, -42.7511



88.5857, 8.5219, -8.5852



67.1585, -0.2092, -35.5950



40.1149, 5.0479, -5.1225

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



62.8942, 39.2291, -42.7511



59.4903, 50.7060, -56.7439



66.9135, 49.0001, -25.6454



40.5663, 2.0889, -2.0677



27.4576, 59.9563, -82.5219



8.4860, 18.2108, -23.0297



# Inverse Universe

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



64.9577, 39.7057, 1.7938



62.3403, 51.0746, 2.5617



86.0576, -46.6799, 30.5813



40.7184, 2.1386, 1.7233



32.9453, 57.6218, 11.9707



9.8630, 17.4346, 2.1571



# Previews

## White Background



This preview shows how the HunterLab color 62.8929, 39.2305, -42.7530 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

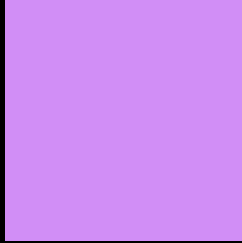
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 62.8929, 39.2305, -42.7530 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

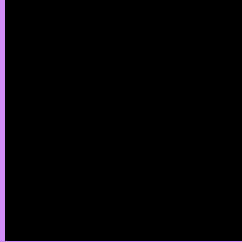
Any Text WCAG AA ✓ Pass

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](#).

# HunterLab 62.8929, 39.2305, -42.7530 Background



This preview shows how black text looks on a background with the HunterLab color 62.8929, 39.2305, -42.7530.



This preview shows how white text looks on a background with the HunterLab color 62.8929, 39.2305, -42.7530.

-42.7530.

# 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

62.8929, 39.2305, -42.7530

### Protanopia

63.1631, 8.6307, -49.7347

### Deuteranopia

63.0389, 5.3555, -39.3320



## Tritanopia

62.9340, 11.1879, 2.6783

# Trichromacy



## Original Color

62.8929, 39.2305, -42.7530



## Protanomaly

62.4778, 19.0510, -48.5645



## Deuteranomaly

62.4754, 16.7541, -41.6803



## Tritanomaly

62.6715, 20.4062, -11.5683

# Monochromacy



## Original Color

62.8929, 39.2305, -42.7530



## Achromatopsia

65.0590, -3.4714, 3.5348



## Achromatomaly

63.6990, 11.3748, -11.4112

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 62.8929, 39.2305, -42.7530 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(209, 142, 246)` looks like.

```
.text, #text, p{  
    color:rgb(209, 142, 246)  
}
```

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(209, 142, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 142, 246) }
```

## Border

The CSS property to change the border of an element to HunterLab 62.8929, 39.2305, -42.7530 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".

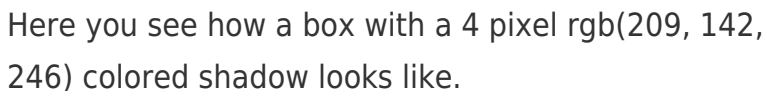
```
.border, #border, table{ border:4px solid rgb(209, 142, 246) }
```



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

```
.border{ border-color:rgb(209, 142, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 142, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 142, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 142, 246);  
box-shadow:4px 4px 4px 4px rgb(209, 142,  
246) }
```

# Background

The CSS property to change the background color of an element to HunterLab 62.8929, 39.2305, -42.7530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 142, 246) }
```

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

```
.background{ background-color: rgb(209,  
142, 246) }
```

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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