

# Converting Colors

HunterLab(67.2148, 63.2876,  
-119.1462)

Have a look what the booklet for  
HunterLab(67.2148, 63.2876,  
-119.1462) contains.

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# Color

**HunterLab(61.9773, 38.7930,  
-51.6363)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C78DFF
RGB	199, 141, 255
RGB Percent	78%, 55%, 100%
CMY	0.2196, 0.4470, 0.0000
CMYK	0.22, 0.45, 0.00, 0.00
HSL	271°, 100%, 78%
HSV	271°, 45%, 100%
XYZ	51.1281, 38.4119, 99.3272
YIQ	171.3380, -2.0260, 47.7500

# Conversions

## Conversions Part 2

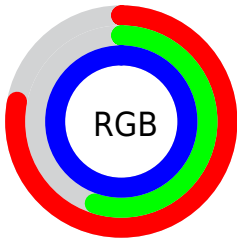
Format	Color
R <sub>Y</sub> B	199, 141, 255
Decimal	13078015
CIE <sub>Lab</sub>	68.32, 43.18, -48.58
CIE <sub>LCh</sub>	68, 64.997, 311.629
Y <sub>xy</sub>	38.4133, 0.2707, 0.2034
Android (android.graphics.Color)	4291268095 (0xFFC78DFF)
YUV	171.3380, 41.2454, 24.2596
Hunter-Lab	61.9773, 38.7930, -51.6363

# Details

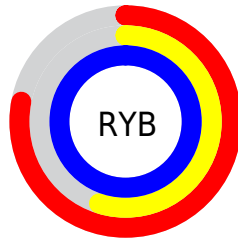
The HunterLab color  $61.9773, 38.7930, -51.6363$  is a light color, and the websafe version is hex  $CC99FF$ . A complement of this color would be  $92.3654, -38.7410, 40.0604$ , and the grayscale version is  $63.7918, -3.4038, 3.4659$ .

A 20% lighter version of the original color is  $82.4378, 26.8550, -16.7748$ , and  $41.3057, 36.1533, -50.6022$  is the 20% darker color. If you saturate the color by 10%, you get  $54.8594, 49.1274, -67.5843$ , and if you desaturate by 10%, it is  $69.7159, 28.5322, -37.0012$ .

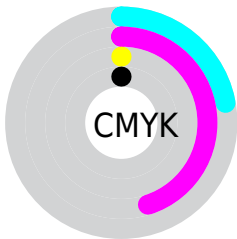
# Distribution



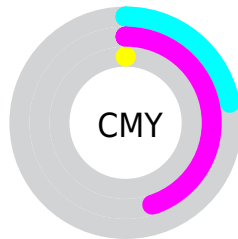
- Red (78%)
- Green (55%)
- Blue (100%)



- Red (78%)
- Yellow (55%)
- Blue (100%)



- Cyan (22%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)




- Cyan (22%)
- Magenta (45%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.9773, 38.7930, -51.6363 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 61.9773, 38.7930, -51.6363 by changing the saturation by 10% instead.





 61.9773, 38.7930,  
-51.6363


 61.9773, 38.7930,  
-51.6363


184.2253, 47.1967,  
-57.4687


 51.2871, 37.3975,  
-50.9469


 85.2885, 41.2571,  
-53.1078

 41.2928, 35.8859,  
-50.3725

 97.8408, 42.3432,  
-53.8356

 32.0481, 34.2538,  
-50.0369


 110.9549, 43.3409,  
-54.5371

 23.6197, 32.5104,  
-50.2003

124.6075, 44.2564,  
-55.2046

 16.0958, 30.7053,  
-51.4724

138.7783, 45.0951,  
-55.8335

 9.6022, 29.0404,  
-55.6133

153.4489, 45.8620,

0.0000, INF, -NF

-56.4213

0.0000, NaN, -NF

168.6029, 46.5612,  
-56.9665

0.0000, NaN, -NF

■ 61.9773, 38.7930,  
-51.6363

■ 61.9773, 38.7930,  
-51.6363

■ 54.8594, 49.1274,  
-67.5843

■ 69.7159, 28.5322,  
-37.0012

■ 48.5036, 59.2003,  
-84.7229

■ 77.9596, 18.4837,  
-23.5894

■ 43.0873, 68.3328,  
-102.4380

■ 86.6246, 8.6779,  
-11.2244

■ 38.7960, 75.4350,  
-119.3577

■ 95.6466, -0.8999,  
0.2752

■ 35.7581, 79.2648,  
-133.4463

100.0000, -5.3358,  
5.4332

■ 34.5619, 80.0777,  
-139.5982

# Harmonies

## Analogous

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



61.9785, 8.4753, -75.5628



61.9773, 38.7930, -51.6363



61.9785, 59.8258, -16.0343

# Triad

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



61.9785, 38.7918, -51.6339



61.9785, 15.4899, 35.7497



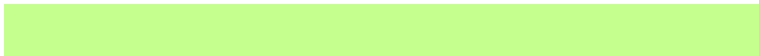
61.9785, -49.4510, -8.4471

# Complementary

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



61.9773, 38.7930, -51.6363



92.3654, -38.7410, 40.0604

# 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.



61.9785, -48.2750, 18.0155



61.9773, 38.7930, -51.6363



61.9785, -14.2762, 36.2785

# Square

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



61.9785, 38.7918, -51.6339



61.9785, 44.7424, 29.4829



61.9785, -36.5091, 31.5740



61.9785, -40.0909, -43.9095



# Rectangle

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



61.9773, 38.7930, -51.6363



61.9785, 63.7585, 4.8796



61.9785, -36.5091, 31.5740



61.9785, -50.2199, 1.8289

# Sweetspot

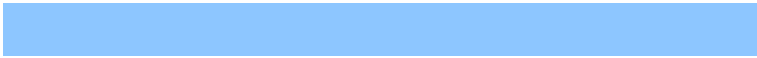
The Sweet Spot groups the original color and five complimentary colors.



61.9785, 38.7918, -51.6339



88.1387, 7.0300, -9.2080



72.9877, -7.3316, -32.0063



39.8708, 4.2402, -5.4703

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



61.9785, 38.7918, -51.6339



55.3379, 48.4024, -66.4182



68.9426, 57.5211, -37.8727



42.2279, 1.6983, -2.3815



25.1610, 58.0824, -99.9680



8.2548, 18.5863, -29.1595



# Inverse Universe

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



66.5898, 46.5643, -5.1854



61.2804, 57.0056, -5.6177



88.9417, -52.1843, 37.0927



42.5862, 2.5194, 1.0953



34.5195, 61.4540, 4.1801

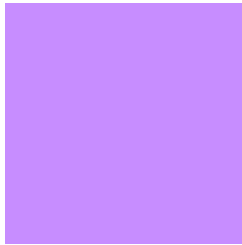


10.8730, 19.5456, -0.1460



# Previews

## White Background



This preview shows how the HunterLab color 61.9773, 38.7930, -51.6363 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

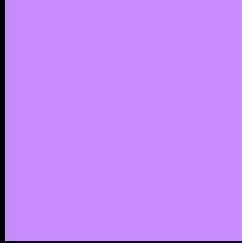
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 61.9773, 38.7930, -51.6363 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

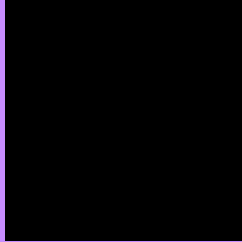
Any Text WCAG AA ✓ Pass

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 61.9773, 38.7930, -51.6363 Background



This preview shows how black text looks on a background with the HunterLab color 61.9773, 38.7930, -51.6363.



This preview shows how white text looks on a background with the HunterLab color 61.9773, 38.7930, -51.6363.

-51.6363.

# 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

61.9773, 38.7930, -51.6363

### Protanopia

62.2555, 8.6040, -51.5890

### Deuteranopia

62.3231, 5.3407, -47.5442



## Tritanopia

61.9955, 6.7488, 0.9931

# Trichromacy



## Original Color

61.9773, 38.7930, -51.6363



## Protanomaly

61.7779, 18.5683, -52.4055



## Deuteranomaly

61.6541, 16.4654, -50.2849



## Tritanomaly

61.6392, 17.4859, -15.4596

# Monochromacy



## Original Color

61.9773, 38.7930, -51.6363



## Achromatopsia

63.8154, -3.4050, 3.4672



## Achromatomaly

62.6336, 10.9069, -14.1088

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 61.9773, 38.7930, -51.6363 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(199, 141, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 141, 255)  
}
```

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(199, 141, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 141, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 61.9773, 38.7930, -51.6363 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(199, 141, 255) }
```



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

```
.border{ border-color:rgb(199, 141, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 141, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 141, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 141, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 141,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 61.9773, 38.7930, -51.6363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 141, 255) }
```

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

```
.background{ background-color: rgb(199,  
141, 255) }
```

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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