

Converting Colors

HunterLab(69.6875, -39.9243,
42.2422)

Have a look what the booklet for
HunterLab(69.6875, -39.9243,
42.2422) contains.

HunterLab(69.7058, -39.8510, 42.2547)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(69.7058,
-39.8510, 42.2547)**

Conversions

Conversions Part 1

Format	Color
Hex	8ACC00
RGB	138, 204, 0
RGB Percent	54%, 80%, 0%
CMY	0.4588, 0.2000, 0.9999
CMYK	0.32, 0.00, 1.00, 0.20
HSL	79°, 100%, 40%
HSV	79°, 100%, 80%
XYZ	32.0741, 48.5890, 7.6882
YIQ	161.0100, 26.1480, -77.4360

Conversions

Conversions Part 2

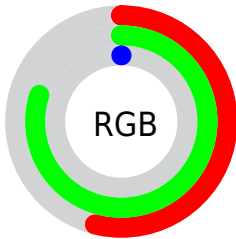
Format	Color
RYB	0, 204, 66
Decimal	9096192
CIELab	75.20, -44.98, 74.57
CIElCh	75, 87.083, 121.099
Yxy	48.5911, 0.3630, 0.5499
Android (android.graphics.Color)	4287286272 (0xFF8ACC00)
YUV	161.0100, -79.3779, -20.1798
Hunter-Lab	69.7058, -39.8510, 42.2547

Details

The HunterLab color **69.7058, -39.8510, 42.2547** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **23.4940, 58.7849, -128.6672**, and the grayscale version is **60.0126, -3.2021, 3.2606**.

A 20% lighter version of the original color is **91.6596, -42.8827, 50.4359**, and **48.1668, -32.2031, 29.1164** is the 20% darker color. If you saturate the color by 10%, you get **69.7068, -39.8549, 42.2553**, and if you desaturate by 10%, it is **70.1594, -37.9784, 41.9908**.

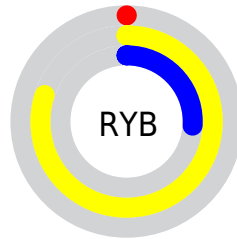
Distribution



Red (54%)

Green (80%)

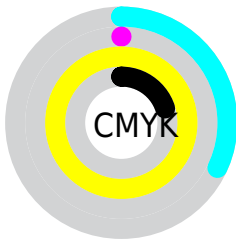
Blue (0%)



Red (0%)

Yellow (80%)

Blue (26%)

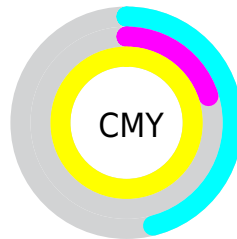


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (46%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.7058, -39.8510, 42.2547 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 69.7058, -39.8510, 42.2547 by changing the saturation by 10% instead.

69.7058, -39.8510,
42.2547

69.7058, -39.8510,
42.2547

195.2256,
-64.4202, 81.0456

58.5621, -36.7229,
37.1343

93.8530, -45.7664,
51.8730

48.0838, -33.4384,
31.7811

106.7940,
-48.5913, 56.4147

38.3178, -29.9545,
26.4592

120.2805,
-51.3478, 60.8057

29.3204, -26.2054,
20.5243

134.2913,
-54.0468, 65.0639

21.1641, -22.0884,
14.8149

148.8074,
-56.6970, 69.2045

13.9465, -17.9947,
9.7626

163.8119,

7.5846, -13.2730,

-59.3055, 73.2409

5.3092

179.2893,
-61.8782, 77.1847

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.7058, -39.8510,
42.2547

■ 69.7058, -39.8510,
42.2547

■ 69.7068, -39.8549,
42.2553

■ 70.1594, -37.9784,
41.9908

■ 70.6721, -35.8022,
41.1744

■ 71.2576, -33.2577,
39.6263

■ 71.9215, -30.3198,
37.2674

■ 72.6679, -26.9745,

34.0434

■ 73.4998, -23.2159,
29.9188

■ 74.4190, -19.0447,
24.8739

■ 75.4269, -14.4671,
18.9027

■ 76.5238, -9.4939,
12.0103

Harmonies

Analogous

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



69.7073, -5.2240, 44.7957



69.7058, -39.8510, 42.2547



69.7073, -60.0507, 31.1209

Triad

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



69.7073, -39.8527, 42.2550



69.7073, -37.7882, -98.5298



69.7073, 93.5530, 5.2130

Complementary

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



69.7058, -39.8510, 42.2547



23.4940, 58.7849, -128.6672

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.



69.7073, 79.2951, -42.8773



69.7058, -39.8510, 42.2547



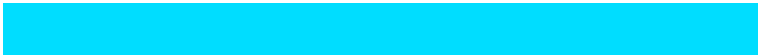
69.7073, -2.2095, -119.9968

Square

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



69.7073, -39.8527, 42.2550



69.7073, -59.0663, -46.9264



69.7073, 41.6973, -95.3911



69.7073, 77.1541, 32.4196

Rectangle

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



69.7058, -39.8510, 42.2547



69.7073, -65.6202, 14.4004



69.7073, 41.6973, -95.3911



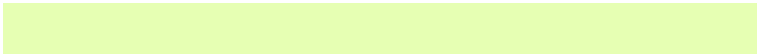
69.7073, 92.1652, -8.7946

Sweetspot

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



69.7073, -39.8527, 42.2550



95.7174, -24.7346, 32.2943



40.7124, 46.1313, 25.8934



44.0440, -12.5298, 16.2816

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.7073, -39.8527, 42.2550



89.6358, -51.5577, 54.3305



66.0220, -55.0520, 39.7180



35.9273, -4.3096, 5.4289



55.3480, -31.4303, 33.5549



12.7287, -6.5145, 7.7293

Inverse Universe

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



23.4940, 58.7849, -128.6672



30.0616, 75.4980, -166.7478



35.4024, 72.9384, -72.5858



33.1923, 0.7348, -1.9881



18.7569, 46.7506, -101.2806



4.7167, 11.0786, -20.2169

Previews

White Background



This preview shows how the HunterLab color 69.7058, -39.8510, 42.2547 looks on a white background.

Color Contrast Check

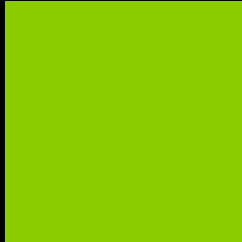
Large Text (above 18pt) WCAG AA × Fail

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 69.7058, -39.8510, 42.2547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

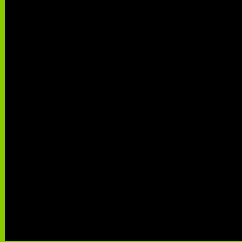
Any Text WCAG AA ✓ Pass

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 69.7058, -39.8510, 42.2547 Background



This preview shows how black text looks on a background with the HunterLab color 69.7058, -39.8510, 42.2547.



This preview shows how white text looks on a background with the HunterLab color 69.7058,

-39.8510, 42.2547.

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

69.7058, -39.8510, 42.2547

Protanopia

69.3598, -9.7875, 42.5678

Deuteranopia

69.2548, 5.0340, 41.1193



Tritanopia

69.6447, -10.3015, -6.4359

Trichromacy



Original Color

69.7058, -39.8510, 42.2547

Protanomaly

69.1134, -21.8288, 42.2052

Deuteranomaly

68.6977, -13.6291, 41.2989

Tritanomaly

68.7177, -25.9458, 23.6676

Monochromacy



Original Color

69.7058, -39.8510, 42.2547

Achromatopsia

59.6993, -3.1854, 3.2436

Achromatomaly

62.5907, -20.3921, 26.3036

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.7058, -39.8510, 42.2547 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(138, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(138, 204, 0)  
}
```

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(138, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 204, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 69.7058, -39.8510, 42.2547 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(138, 204, 0) }
```


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

```
.border{ border-color:rgb(138, 204, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 204, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(138, 204,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.7058, -39.8510, 42.2547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 204, 0) }
```

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

```
.background{ background-color: rgb(138,  
204, 0) }
```

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