

Converting Colors

HunterLab(82.6493, -70.8716,
49.6871)

Have a look what the booklet for
HunterLab(82.6493, -70.8716,
49.6871) contains.

HunterLab(82.6869, -70.9040, 49.7100)	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(82.6869,
-70.9040, 49.7100)**

Conversions

Conversions Part 1

Format	Color
Hex	00FA00
RGB	0, 250, 0
RGB Percent	0%, 98%, 0%
CMY	1.0000, 0.0196, 0.9999
CMYK	1.00, 0.00, 1.00, 0.02
HSL	120°, 100%, 49%
HSV	120°, 100%, 98%
XYZ	34.1856, 68.3712, 11.3952
YIQ	146.7500, -68.7500, -130.7500

Conversions

Conversions Part 2

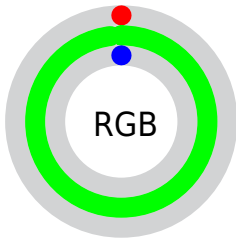
Format	Color
RYB	0, 250, 250
Decimal	64000
CIELab	86.19, -84.90, 81.94
CIELCh	86, 117.993, 136.017
Yxy	68.3741, 0.3000, 0.6000
Android (android.graphics.Color)	4278254080 (0xFF00FA00)
YUV	146.7500, -72.3478, -128.6997
Hunter-Lab	82.6869, -70.9040, 49.7100

Details

The HunterLab color **82.6869, -70.9040, 49.7100** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **52.1776, 102.5796, -68.7942**, and the grayscale version is **54.2200, -2.8930, 2.9459**.

A 20% lighter version of the original color is **87.2910, -60.2159, 46.0115**, and **61.3997, -52.6503, 36.9125** is the 20% darker color. If you saturate the color by 10%, you get **82.6886, -70.9051, 49.7103**, and if you desaturate by 10%, it is **82.8559, -70.1048, 49.1686**.

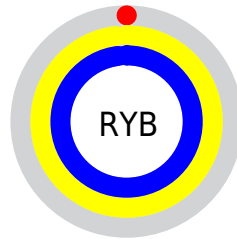
Distribution



Red (0%)

Green (98%)

Blue (0%)



Red (0%)

Yellow (98%)

Blue (98%)

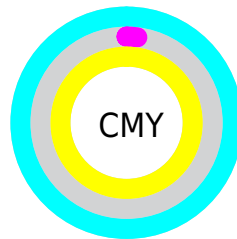


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (2%)



Cyan (100%)


Magenta (2%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 82.6869, -70.9040, 49.7100 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 82.6869, -70.9040, 49.7100 by changing the saturation by 10% instead.


 82.6869, -70.9040,
49.7100


 82.6869, -70.9040,
49.7100


213.2651,
-111.6246, 90.5687


 70.8535, -65.5436,
44.3952


 108.1143,
-80.9470, 59.7549


 59.6440, -59.8940,
38.8616


 121.6540,
-85.6943, 64.5232


 49.0972, -53.8925,
33.1036


 135.7160,
-90.2929, 69.1463

 39.2579, -47.4532,
27.4805

 150.2816,
-94.7619, 73.6397

 30.1810, -40.4584,
21.1267

 165.3339,
-99.1173, 78.0173

 21.9369, -32.8278,
15.3559

 180.8576,

 14.6204, -25.5856,

-103.3724, 82.2912

10.2343

196.8390,
-107.5383, 86.4719

■ 8.2802, -14.4904,
5.7962

0.0000, NaN, NaN

■ 82.6869, -70.9040,
49.7100

■ 82.6869, -70.9040,
49.7100

■ 82.6886, -70.9051,
49.7103

■ 82.8559, -70.1048,
49.1686

■ 83.2362, -68.2923,
47.9423

■ 83.8918, -65.1909,
45.8444

■ 84.8552, -60.6840,
42.7965

■ 86.1484, -54.7264,
38.7682

■ 87.7844, -47.3335,
33.7703

■ 89.7687, -38.5711,
27.8475

■ 92.1003, -28.5426,
21.0704

■ 94.7729, -17.3771,
13.5264

Harmonies

Analogous

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



82.6886, -33.2804, 55.4671



82.6869, -70.9040, 49.7100



82.6886, -87.8411, 26.4479

Triad

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



82.6886, -70.9051, 49.7103



82.6886, -29.9329, -181.8384



82.6886, 134.2389, 28.9607

Complementary

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



82.6869, -70.9040, 49.7100



52.1776, 102.5796, -68.7942

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.



82.6886, 135.8795, -25.8328



82.6869, -70.9040, 49.7100



82.6886, 29.0456, -179.1671

Square

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



82.6886, -70.9051, 49.7103



82.6886, -69.0461, -115.8216



82.6886, 93.3427, -109.9785



82.6886, 89.3405, 50.4565

Rectangle

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



82.6869, -70.9040, 49.7100



82.6886, -89.3178, -7.5478



82.6886, 93.3427, -109.9785



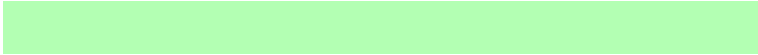
82.6886, 140.2191, 14.9716

Sweetspot

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



82.6886, -70.9051, 49.7103



91.8037, -39.4790, 28.5016



94.1800, -25.2960, 57.5904



42.0564, -20.0901, 14.4199

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



82.6886, -70.9051, 49.7103



84.5695, -72.5180, 50.8411



83.5791, -65.3443, 36.5929



43.9423, -7.7714, 6.0774



60.2215, -51.6396, 36.2034



18.3273, -15.7153, 11.0173

Inverse Universe

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



52.1776, 102.5796, -68.7942



53.3645, 104.9131, -70.3591



46.6964, 83.1399, 5.5939



41.8624, 3.4626, -1.5987



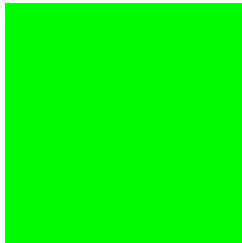
38.0006, 74.7081, -50.1027



11.5648, 22.7362, -15.2486

Previews

White Background



This preview shows how the HunterLab color 82.6869, -70.9040, 49.7100 looks on a white background.

Color Contrast Check

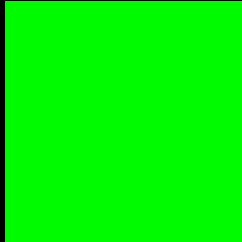
Large Text (above 18pt) WCAG AA × Fail

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 82.6869, -70.9040, 49.7100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

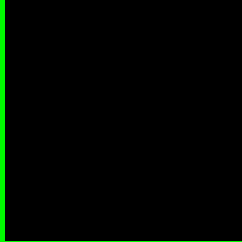
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

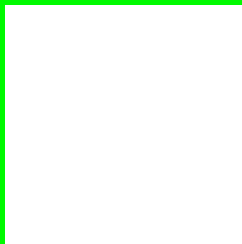
Any Text WCAG AAA ✓ Pass

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

HunterLab 82.6869, -70.9040, 49.7100 Background



This preview shows how black text looks on a background with the HunterLab color 82.6869, -70.9040, 49.7100.



This preview shows how white text looks on a background with the HunterLab color 82.6869, -70.9040, 49.7100.

-70.9040, 49.7100.

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

82.6869, -70.9040, 49.7100

Protanopia

81.7275, -11.2743, 50.1628

Deuteranopia

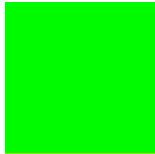
81.7666, 3.0617, 36.6108



Tritanopia

82.2688, -30.9392, -15.6228

Trichromacy



Original Color

82.6869, -70.9040, 49.7100



Protanomaly

78.5560, -45.2056, 47.6144



Deuteranomaly

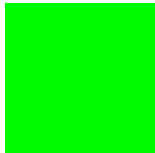
77.7743, -38.7173, 41.6073



Tritanomaly

80.9100, -54.3913, 24.5333

Monochromacy



Original Color

82.6869, -70.9040, 49.7100



Achromatopsia

54.0158, -2.8821, 2.9348



Achromatomaly

61.2118, -37.7845, 26.7997

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 82.6869, -70.9040, 49.7100 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(0, 250, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 250, 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(0, 250, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 250, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 82.6869, -70.9040, 49.7100 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(0, 250, 0) }
```


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

```
.border{ border-color:rgb(0, 250, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 250, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 250, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 250, 0); box-shadow:4px  
4px 4px 4px rgb(0, 250, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 82.6869, -70.9040, 49.7100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 250, 0) }
```

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

```
.background{ background-color: rgb(0, 250,  
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](#).

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