

# Converting Colors

HunterLab(83.4604, -71.4183,  
49.8553)

Have a look what the booklet for  
HunterLab(83.4604, -71.4183,  
49.8553) contains.

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# Color

**HunterLab(83.4597,  
-71.4192, 49.8561)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FC0F
RGB	0, 252, 15
RGB Percent	0%, 99%, 6%
CMY	1.0000, 0.0117, 0.9411
CMYK	1.00, 0.00, 0.94, 0.01
HSL	124°, 100%, 49%
HSV	124°, 100%, 99%
XYZ	34.8966, 69.6552, 12.0575
YIQ	149.6340, -74.1150, -127.1310

# Conversions

## Conversions Part 2

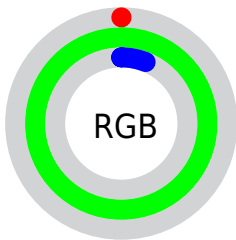
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 238, 252</a>
Decimal	<a href="#">64527</a>
CIELab	<a href="#">86.83, -85.19, 81.24</a>
CIELCh	<a href="#">87, 117.723, 136.359</a>
Yxy	<a href="#">69.6581, 0.2993, 0.5973</a>
Android (android.graphics.Color)	<a href="#">4278254607 (0xFF00FC0F)</a>
YUV	<a href="#">149.6340, -66.3746, -131.2290</a>
Hunter-Lab	<a href="#">83.4597, -71.4192, 49.8561</a>

# Details

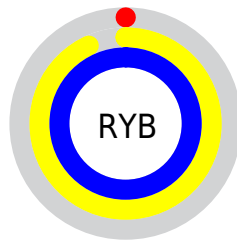
The HunterLab color **83.4597, -71.4192, 49.8561** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **51.7776, 100.4765, -58.0592**, and the grayscale version is **55.3614, -2.9539, 3.0079**.

A 20% lighter version of the original color is **87.3316, -59.9678, 45.4134**, and **61.7575, -52.9571, 37.1276** is the 20% darker color. If you saturate the color by 10%, you get **83.4614, -71.4203, 49.8564**, and if you desaturate by 10%, it is **83.6525, -70.4718, 48.9689**.

# Distribution



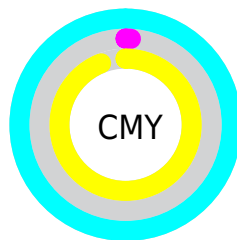
- Red (0%)
- Green (99%)
- Blue (6%)



- Red (0%)
- Yellow (93%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (94%)
- Black (1%)




- Cyan (100%)
- Magenta (1%)
- Yellow (94%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.4597, -71.4192, 49.8561 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 83.4597, -71.4192, 49.8561 by changing the saturation by 10% instead.





 83.4597, -71.4192,  
49.8561


 83.4597, -71.4192,  
49.8561


214.3242,  
-112.1909, 90.3321


 71.5876, -66.0574,  
44.5947


 108.9592,  
-81.4692, 59.8008


 60.3373, -60.4087,  
39.1155


 122.5327,  
-86.2216, 64.5226

 49.7472, -54.4113,  
33.4107


 136.6272,  
-90.8258, 69.1015

 39.8614, -47.9806,  
27.9030

 151.2242,  
-95.3009, 73.5529

 30.7341, -41.0012,  
21.5139

 166.3069,  
-99.6628, 77.8905

 22.4346, -33.3466,  
15.7042


 181.8602,

 15.0556, -26.3473,


-103.9246, 82.1261


10.5389


197.8702,  
-108.0975, 86.2703


 8.6948, -15.2160,  
6.0864


0.0000, NaN, NaN


 83.4597, -71.4192,  
49.8561


 83.4597, -71.4192,  
49.8561

 83.4614, -71.4203,  
49.8564

 83.6525, -70.4718,  
48.9689

 84.0621, -68.4818,  
47.3421

 84.7453, -65.2201,  
44.9002

 85.7325, -60.5845,  
41.6010

■ 87.0443, -54.5394,  
37.4388

■ 88.6927, -47.1050,  
32.4395

■ 90.6826, -38.3482,  
26.6554

■ 93.0128, -28.3706,  
20.1578

■ 95.6771, -17.2972,  
13.0300

# Harmonies

## Analogous

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



83.4614, -33.9185, 55.8485



83.4597, -71.4192, 49.8561



83.4614, -88.2374, 26.0984

# Triad

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



83.4614, -71.4203, 49.8564



83.4614, -29.4347, -181.5406



83.4614, 133.7364, 29.4720

# Complementary

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



83.4597, -71.4192, 49.8561



51.7776, 100.4765, -58.0592

# 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.



83.4614, 135.9233, -24.9400



83.4597, -71.4192, 49.8561



83.4614, 29.7576, -177.9911

# Square

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



83.4614, -71.4203, 49.8564



83.4614, -68.9234, -116.4320



83.4614, 93.8934, -108.6586



83.4614, 88.5542, 50.8701



# Rectangle

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



83.4597, -71.4192, 49.8561



83.4614, -89.5962, -8.2405



83.4614, 93.8934, -108.6586



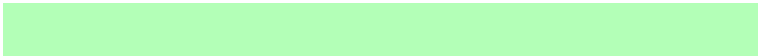
83.4614, 139.8804, 15.5780

# Sweetspot

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



83.4614, -71.4203, 49.8564



91.9052, -38.8847, 27.0276



93.8321, -30.0062, 57.2936



42.1065, -19.7945, 13.6911

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.4614, -71.4203, 49.8564



84.5902, -72.3881, 50.5346



84.5435, -64.6736, 33.9398



43.9614, -7.6649, 5.8046



60.2420, -51.5108, 35.8998



18.3491, -15.5787, 10.6952



# Inverse Universe

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



51.7776, 100.4765, -58.0592



52.4775, 101.8339, -58.8376



46.7949, 82.7048, 10.3376



41.8397, 3.3418, -1.2782



37.3800, 72.5538, -42.0422

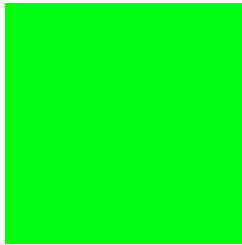


11.3991, 22.1611, -13.0979



# Previews

## White Background



This preview shows how the HunterLab color 83.4597, -71.4192, 49.8561 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

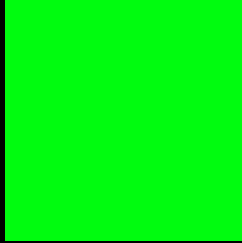
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.4597, -71.4192, 49.8561 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

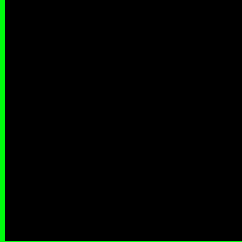
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

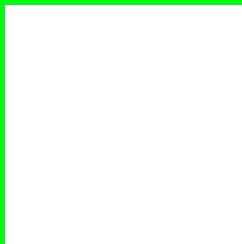
Any Text WCAG AAA ✓ Pass

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

## HunterLab 83.4597, -71.4192, 49.8561 Background



This preview shows how black text looks on a background with the HunterLab color 83.4597, -71.4192, 49.8561.



This preview shows how white text looks on a background with the HunterLab color 83.4597, -71.4192, 49.8561.

-71.4192, 49.8561.

# 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

83.4597, -71.4192, 49.8561

### Protanopia

82.5630, -11.4841, 50.6739

### Deuteranopia

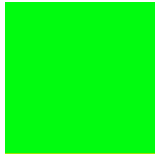
82.4850, 2.7204, 35.1833



## Tritanopia

83.0672, -31.2711, -15.6904

# Trichromacy



## Original Color

83.4597, -71.4192, 49.8561



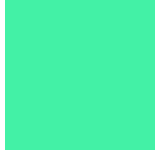
## Protanomaly

79.3840, -45.4620, 48.0129



## Deuteranomaly

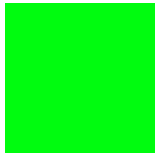
78.5582, -38.9563, 40.5922



## Tritanomaly

81.7662, -54.3431, 23.2730

# Monochromacy



## Original Color

83.4597, -71.4192, 49.8561



## Achromatopsia

55.2257, -2.9467, 3.0005



## Achromatomaly

62.3804, -38.0906, 26.0697

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.4597, -71.4192, 49.8561 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, 252, 15)` looks like.

```
.text, #text, p{  
    color:rgb(0, 252, 15)  
}
```

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, 252, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 252, 15) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.4597, -71.4192, 49.8561 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, 252, 15) }
```



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

```
.border{ border-color:rgb(0, 252, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 252, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 252, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 252, 15);  
box-shadow:4px 4px 4px 4px rgb(0, 252, 15)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 83.4597, -71.4192, 49.8561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 252, 15) }
```

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

```
.background{ background-color: rgb(0, 252,  
15) }
```

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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