

Converting Colors

HunterLab(84.6656, -71.9153,
49.4198)

Have a look what the booklet for
HunterLab(84.6656, -71.9153,
49.4198) contains.

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Color

**HunterLab(84.6641,
-71.9244, 49.4414)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00FF29 |
| RGB | 0, 255, 41 |
| RGB Percent | 0%, 100%, 16% |
| CMY | 1.0000, 0.0000, 0.8392 |
| CMYK | 1.00, 0.00, 0.84, 0.00 |
| HSL | 130°, 100%, 50% |
| HSV | 130°, 100%, 100% |
| XYZ | 36.1602, 71.6801, 14.0276 |
| YIQ | 154.3590, -83.2860, -120.6140 |

Conversions

Conversions Part 2

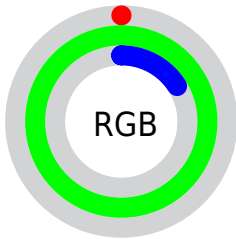
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 0, 220, 255 |
| Decimal | 65321 |
| CIELab | 87.81, -85.18, 77.98 |
| CIELCh | 88, 115.478, 137.527 |
| Yxy | 71.6802, 0.2967, 0.5882 |
| Android (android.graphics.Color) | 4278255401 (0xFF00FF29) |
| YUV | 154.3590, -55.8860, -135.3728 |
| Hunter-Lab | 84.6641, -71.9244, 49.4414 |

Details

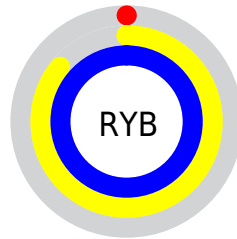
The HunterLab color **84.6641, -71.9244, 49.4414** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **51.1024, 97.0136, -40.6163**, and the grayscale version is **57.2365, -3.0540, 3.1098**.

A 20% lighter version of the original color is **87.4663, -59.1457, 43.4319**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.6641, -71.9241, 49.4408**, and if you desaturate by 10%, it is **84.9031, -70.6779, 47.8556**.

Distribution



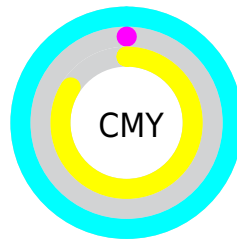
- Red (0%)
- Green (100%)
- Blue (16%)



- Red (0%)
- Yellow (86%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (84%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.6641, -71.9244, 49.4414 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 84.6641, -71.9244, 49.4414 by changing the saturation by 10% instead.


 84.6641, -71.9244,
49.4414


 84.6641, -71.9244,
49.4414


215.9694,
-112.5715, 88.3541


 72.7306, -66.5876,
44.3885


 110.2732,
-81.9316, 58.9871

 61.4174, -60.9707,
39.1228


 123.8989,
-86.6675, 63.5217


 50.7604, -55.0123,
33.6285


 138.0437,
-91.2573, 67.9211

 40.8029, -48.6302,
28.1087

 152.6893,
-95.7198, 72.2002

 31.5981, -41.7125,
22.1187

 167.8190,
-100.0705, 76.3724

 23.2134, -34.1071,
16.2494

183.4179,

 15.7386, -27.5425,

-104.3223, 80.4490

11.0170

199.4722,
-108.4862, 84.4400

■ 9.3011, -16.2769,
6.5108

0.0000, NaN, NaN

■ 84.6641, -71.9244,
49.4414

■ 84.6641, -71.9244,
49.4414

■ 84.6641, -71.9241,
49.4408

■ 84.9031, -70.6779,
47.8556

■ 85.3586, -68.4111,
45.6011

■ 86.0822, -64.9188,
42.6631

■ 87.1017, -60.1159,
39.0427

■ 88.4359, -53.9769,
34.7635

■ 90.0957, -46.5268,
29.8686

■ 92.0856, -37.8315,
24.4169

■ 94.4042, -27.9879,
18.4774

■ 97.0456, -17.1131,
12.1245

Harmonies

Analogous

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



84.6642, -35.4764, 56.1510



84.6641, -71.9244, 49.4414



84.6642, -88.0413, 24.4209

Triad

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



84.6642, -71.9241, 49.4406



84.6642, -27.2268, -177.4102



84.6642, 129.7575, 30.6775

Complementary

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



84.6641, -71.9244, 49.4414



51.1024, 97.0136, -40.6163

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.



84.6642, 133.7166, -21.5715



84.6641, -71.9244, 49.4414



84.6642, 31.6378, -171.0545

Square

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



84.6642, -71.9241, 49.4406



84.6642, -67.2881, -116.4399



84.6642, 94.1063, -102.4618



84.6642, 84.4146, 51.3951

Rectangle

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



84.6641, -71.9244, 49.4414



84.6642, -88.9691, -10.4524



84.6642, 94.1063, -102.4618



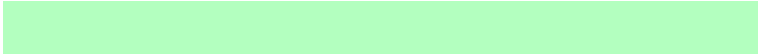
84.6642, 136.3370, 17.3274

Sweetspot

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



84.6642, -71.9241, 49.4406



92.0854, -37.8324, 24.4174



92.8620, -38.9084, 56.5399



42.1961, -19.2667, 12.3895

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.6642, -71.9241, 49.4406



84.6641, -71.9241, 49.4408



86.1766, -62.5288, 27.2685



44.9620, -7.6571, 5.4596



61.2114, -51.9193, 35.5698



19.1341, -15.9883, 10.5981

Inverse Universe

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



51.1024, 97.0136, -40.6163



51.1024, 97.0137, -40.6161



46.8888, 81.8454, 18.3045



42.7168, 3.2190, -0.7608



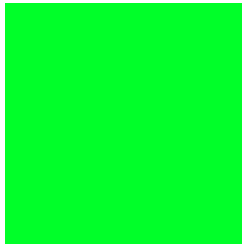
36.9650, 70.2164, -29.6997



11.5900, 22.1056, -10.0102

Previews

White Background



This preview shows how the HunterLab color 84.6641, -71.9244, 49.4414 looks on a white background.

Color Contrast Check

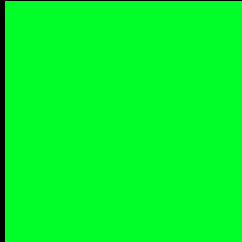
Large Text (above 18pt) WCAG AA × Fail

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 84.6641, -71.9244, 49.4414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

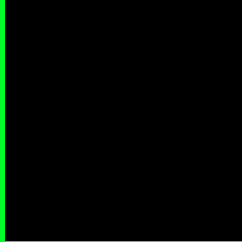
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

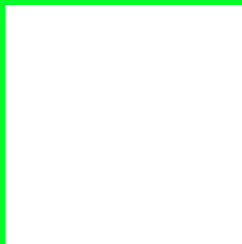
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.6641, -71.9244, 49.4414 Background



This preview shows how black text looks on a background with the HunterLab color 84.6641, -71.9244, 49.4414.



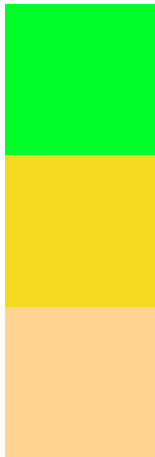
This preview shows how white text looks on a background with the HunterLab color 84.6641, -71.9244, 49.4414.

-71.9244, 49.4414.

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

84.6641, -71.9244, 49.4414

Protanopia

83.5671, -10.9802, 50.3817

Deuteranopia

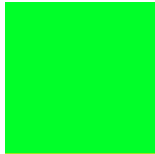
83.6020, 2.3971, 32.5592



Tritanopia

84.4783, -31.0455, -14.8876

Trichromacy



Original Color

84.6641, -71.9244, 49.4414



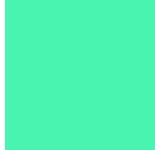
Protanomaly

80.2753, -45.3476, 47.4970



Deuteranomaly

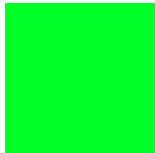
79.8004, -38.9415, 38.1561



Tritanomaly

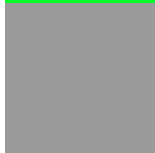
83.2419, -53.3930, 20.7320

Monochromacy



Original Color

84.6641, -71.9244, 49.4414



Achromatopsia

56.8457, -3.0331, 3.0885



Achromatomaly

64.0707, -37.8815, 24.3598

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.6641, -71.9244, 49.4414 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, 255, 41)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 41)  
}
```

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, 255, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 84.6641, -71.9244, 49.4414 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, 255, 41) }
```


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

```
.border{ border-color:rgb(0, 255, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 41);  
box-shadow:4px 4px 4px 4px rgb(0, 255, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 84.6641, -71.9244, 49.4414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 41) }
```

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

```
.background{ background-color: rgb(0, 255,  
41) }
```

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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