

Converting Colors

HunterLab(84.9593, -70.6305,
49.3825)

Have a look what the booklet for
HunterLab(84.9593, -70.6305,
49.3825) contains.

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Color

**HunterLab(84.9593,
-70.6305, 49.3825)**

Conversions

Conversions Part 1

Format	Color
Hex	29FF2D
RGB	41, 255, 45
RGB Percent	16%, 100%, 18%
CMY	0.8392, 0.0000, 0.8235
CMYK	0.84, 0.00, 0.82, 0.00
HSL	121°, 100%, 58%
HSV	121°, 84%, 100%
XYZ	37.1480, 72.1808, 14.4570
YIQ	167.0740, -60.1340, -110.6780

Conversions

Conversions Part 2

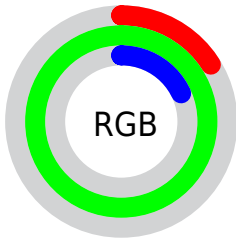
Format	Color
RYB	41, 251, 255
Decimal	2752301
CIELab	88.06, -82.95, 77.37
CIELCh	88, 113.430, 136.991
Yxy	72.1810, 0.3001, 0.5831
Android (android.graphics.Color)	4280942381 (0xFF29FF2D)
YUV	167.0740, -60.1825, -110.5669
Hunter-Lab	84.9593, -70.6305, 49.3825

Details

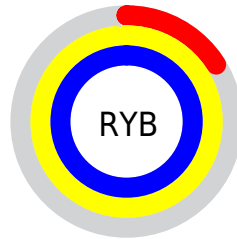
The HunterLab color **84.9593, -70.6305, 49.3825** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **54.5987, 98.7922, -63.7255**, and the grayscale version is **62.4525, -3.3323, 3.3932**.

A 20% lighter version of the original color is **87.9278, -57.1857, 43.2323**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.6618, -72.0635, 50.4435**, and if you desaturate by 10%, it is **85.5209, -67.9535, 47.4871**.

Distribution



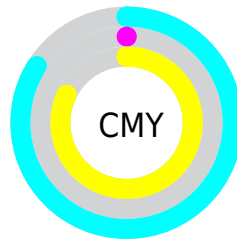
- Red (16%)
- Green (100%)
- Blue (18%)



- Red (16%)
- Yellow (98%)
- Blue (100%)



- Cyan (84%)
- Magenta (0%)
- Yellow (82%)
- Black (0%)





- Cyan (84%)
- Magenta (0%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.9593, -70.6305, 49.3825 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 84.9593, -70.6305, 49.3825 by changing the saturation by 10% instead.


 84.9593, -70.6305,
49.3825


 84.9593, -70.6305,
49.3825


216.3726,
-110.2937, 88.0012


 73.0113, -65.4352,
44.3697


 110.5956,
-80.3803, 58.8526

 61.6827, -59.9703,
39.1451


 124.2340,
-84.9980, 63.3519


 51.0094, -54.1764,
33.6920


 138.3911,
-89.4753, 67.7175

 41.0345, -47.9739,
28.1703

 153.0486,
-93.8305, 71.9643

 31.8108, -41.2536,
22.2675

 168.1898,
-98.0783, 76.1055

 23.4053, -33.8655,
16.3837

183.7998,

 15.9073, -27.8378,

-102.2314, 80.1524

11.1351

199.8649,
-106.3002, 84.1147

■ 9.4436, -16.5263,
6.6105

0.0000, NaN, NaN

■ 84.9593, -70.6305,
49.3825

■ 84.9593, -70.6305,
49.3825

■ 84.6618, -72.0635,
50.4435


■ 85.5209, -67.9535,
47.4871


■ 84.5757, -72.4794,
50.7500


■ 86.3843, -63.8867,
44.6714


■ 87.5754, -58.3599,
40.8952

■ 89.1106, -51.3680,
36.1601

 90.9981, -42.9601,
30.5028

 93.2394, -33.2282,
23.9872

 95.8299, -22.2943,
16.6964

 98.7605, -10.2984,
8.7244

 100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



84.9594, -34.1922, 56.0825



84.9593, -70.6305, 49.3825



84.9594, -86.9921, 24.8672

Triad

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



84.9594, -70.6302, 49.3818



84.9594, -27.7798, -172.0005



84.9594, 127.3837, 29.7545

Complementary

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



84.9593, -70.6305, 49.3825



54.5987, 98.7922, -63.7255

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.



84.9594, 130.4286, -22.2835



84.9593, -70.6305, 49.3825



84.9594, 29.8404, -167.1479

Square

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



84.9594, -70.6302, 49.3818



84.9594, -67.0052, -112.0403



84.9594, 91.1330, -101.3384



84.9594, 83.6660, 50.9467

Rectangle

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



84.9593, -70.6305, 49.3825



84.9594, -88.1173, -9.0376



84.9594, 91.1330, -101.3384



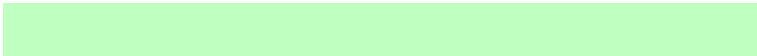
84.9594, 133.5370, 16.3378

Sweetspot

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



84.9594, -70.6302, 49.3818



92.9808, -34.3377, 24.7286



96.0572, -26.6856, 57.4280



42.6405, -17.5130, 12.5287

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.9594, -70.6302, 49.3818



84.5757, -72.4794, 50.7500



86.1651, -63.1466, 31.6764



44.9151, -7.9195, 6.1315



61.1380, -52.3800, 36.6561



19.0821, -16.3139, 11.3661

Inverse Universe

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



54.5987, 98.7922, -63.7255



53.0810, 103.9315, -66.6960



49.8726, 81.3001, 0.5799



42.7717, 3.5126, -1.5396



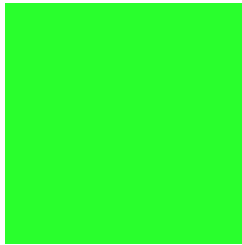
38.3734, 75.1397, -48.2569



11.9814, 23.4724, -15.1557

Previews

White Background



This preview shows how the HunterLab color 84.9593, -70.6305, 49.3825 looks on a white background.

Color Contrast Check

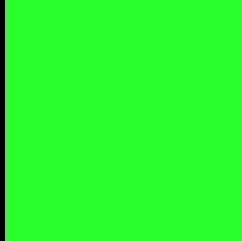
Large Text (above 18pt) WCAG AA × Fail

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 84.9593, -70.6305, 49.3825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

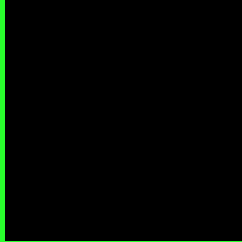
Any Text WCAG AA ✓ Pass

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 84.9593, -70.6305, 49.3825 Background



This preview shows how black text looks on a background with the HunterLab color 84.9593, -70.6305, 49.3825.



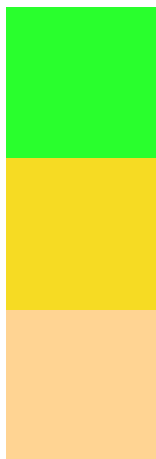
This preview shows how white text looks on a background with the HunterLab color 84.9593, -70.6305, 49.3825.

-70.6305, 49.3825.

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

84.9593, -70.6305, 49.3825

Protanopia

83.8911, -11.3970, 50.3700

Deuteranopia

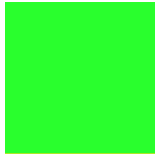
83.9366, 2.0795, 32.2594



Tritanopia

84.6819, -30.2741, -14.5889

Trichromacy



Original Color

84.9593, -70.6305, 49.3825



Protanomaly

81.5583, -42.0126, 48.1250



Deuteranomaly

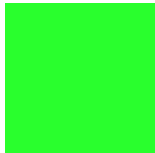
81.2156, -35.1152, 38.6606



Tritanomaly

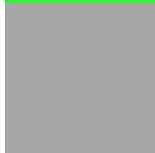
83.7736, -51.1428, 20.5420

Monochromacy



Original Color

84.9593, -70.6305, 49.3825



Achromatopsia

62.1634, -3.3169, 3.3775



Achromatomaly

68.0749, -35.5282, 25.0047

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.9593, -70.6305, 49.3825 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(41, 255, 45)` looks like.

```
.text, #text, p{  
    color:rgb(41, 255, 45)  
}
```

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(41, 255, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 255, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 84.9593, -70.6305, 49.3825 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(41, 255, 45) }
```


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

```
.border{ border-color:rgb(41, 255, 45) }
```

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

Here you see how a box with a 4 pixel rgb(41, 255, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 255, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 255, 45);  
box-shadow:4px 4px 4px 4px rgb(41, 255,  
45) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.9593, -70.6305, 49.3825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 255, 45) }
```

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

```
.background{ background-color: rgb(41, 255,  
45) }
```

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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