

Converting Colors

HunterLab(84.0345, -55.4402,
50.8111)

Have a look what the booklet for
HunterLab(84.0345, -55.4402,
50.8111) contains.

HunterLab(84.0881, -55.5912, 50.8415)	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(84.0881,
-55.5912, 50.8415)**

Conversions

Conversions Part 1

Format	Color
Hex	8AF500
RGB	138, 245, 0
RGB Percent	54%, 96%, 0%
CMY	0.4588, 0.0392, 0.9999
CMYK	0.44, 0.00, 1.00, 0.04
HSL	86°, 100%, 48%
HSV	86°, 100%, 96%
XYZ	43.1337, 70.7081, 11.3746
YIQ	185.0770, 14.8730, -98.8790

Conversions

Conversions Part 2

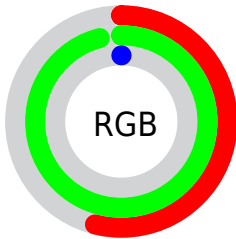
Format	Color
RYB	0, 245, 107
Decimal	9106688
CIELab	87.34, -61.21, 83.98
CIELCh	87, 103.922, 126.087
Yxy	70.7111, 0.3445, 0.5647
Android (android.graphics.Color)	4287296768 (0xFF8AF500)
YUV	185.0770, -91.2430, -41.2865
Hunter-Lab	84.0881, -55.5912, 50.8415

Details

The HunterLab color **84.0881, -55.5912, 50.8415** is a dark color, and the websafe version is hex **99FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **31.1800, 74.5344, -143.7564**, and the grayscale version is **70.0547, -3.7379, 3.8062**.

A 20% lighter version of the original color is **91.8790, -41.8875, 49.4951**, and **61.1738, -46.3402, 36.8837** is the 20% darker color. If you saturate the color by 10%, you get **84.0891, -55.5964, 50.8420**, and if you desaturate by 10%, it is **84.6980, -53.0380, 50.6364**.

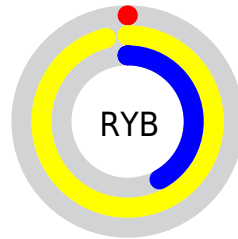
Distribution



Red (54%)

Green (96%)

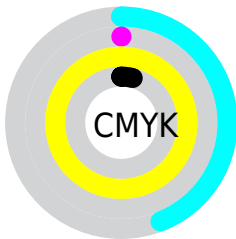
Blue (0%)



Red (0%)

Yellow (96%)

Blue (42%)

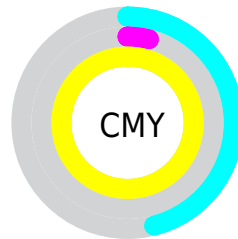


Cyan (44%)

Magenta (0%)

Yellow (100%)

Black (4%)



Cyan (46%)


Magenta (4%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.0881, -55.5912, 50.8415 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 84.0881, -55.5912, 50.8415 by changing the saturation by 10% instead.


 84.0881, -55.5912,
50.8415


 84.0881, -55.5912,
50.8415


215.1843,
-86.1739, 92.4755

 72.1848, -51.6783,
45.4344


 109.6459,
-62.9952, 61.0702


 60.9015, -47.5811,
39.8096


 123.2468,
-66.5270, 65.9286


 50.2764, -43.2579,
33.9636


 137.3677,
-69.9676, 70.6400

 40.3530, -38.6492,
28.2471

 151.9901,
-73.3297, 75.2198

 31.1851, -33.6698,
21.8296

 167.0974,
-76.6235, 79.6820

 22.8409, -28.1925,
15.9886

 182.6745,

 15.4116, -23.1394,

-79.8575, 84.0385

10.7882

198.7077,
-83.0389, 88.2999

■ 9.0171, -15.7799,
6.3120

0.0000, NaN, NaN

■ 84.0881, -55.5912,
50.8415

■ 84.0881, -55.5912,
50.8415

■ 84.0891, -55.5964,
50.8420

■ 84.6980, -53.0380,
50.6364

■ 85.4062, -50.0027,
49.7316

■ 86.2287, -46.4134,
47.9227

■ 87.1728, -42.2424,
45.1105

■ 88.2434, -37.4779,
41.2303

■ 89.4437, -32.1207,
36.2443

■ 90.7755, -26.1816,
30.1364

■ 92.2394, -19.6791,
22.9090

■ 93.8350, -12.6380,
14.5795

Harmonies

Analogous

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



84.0899, -14.8194, 54.8397



84.0881, -55.5912, 50.8415



84.0899, -77.6876, 34.6943

Triad

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



84.0899, -55.5929, 50.8419



84.0899, -41.2590, -136.7794



84.0899, 119.6104, 14.0391

Complementary

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



84.0881, -55.5912, 50.8415



31.1800, 74.5344, -143.7564

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.



84.0899, 107.6395, -43.7450



84.0881, -55.5912, 50.8415



84.0899, 6.3606, -155.2382

Square

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



84.0899, -55.5929, 50.8419



84.0899, -70.9261, -72.7910



84.0899, 62.7738, -114.0462



84.0899, 92.3696, 43.5056

Rectangle

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



84.0881, -55.5912, 50.8415



84.0899, -82.7217, 10.8048



84.0899, 62.7738, -114.0462



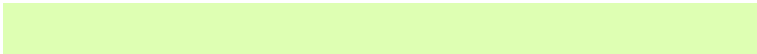
84.0899, 120.1118, -2.1663

Sweetspot

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



84.0899, -55.5929, 50.8419



94.9834, -27.4494, 31.5916



54.5531, 44.6787, 34.3965



43.6636, -13.9472, 15.9297

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.0899, -55.5929, 50.8419



87.9855, -58.2298, 53.1969



80.8834, -68.9969, 48.6314



43.5114, -5.6856, 6.5483



61.7855, -40.5295, 37.3624



18.4822, -11.3453, 11.1900

Inverse Universe

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



31.1800, 74.5344, -143.7564



32.5955, 77.9704, -150.6380



48.1643, 96.1667, -74.9836



40.3494, 1.3554, -2.3598



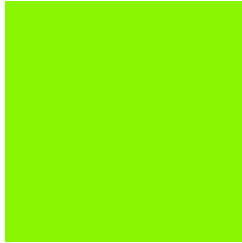
23.0537, 54.8852, -104.5213



7.2579, 16.7301, -28.6480

Previews

White Background



This preview shows how the HunterLab color 84.0881, -55.5912, 50.8415 looks on a white background.

Color Contrast Check

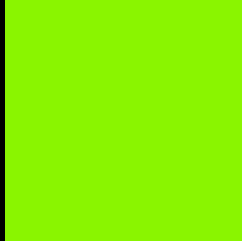
Large Text (above 18pt) WCAG AA × Fail

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 84.0881, -55.5912, 50.8415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

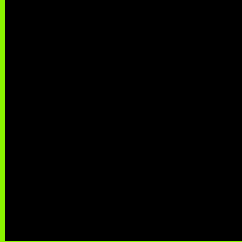
Any Text WCAG AA ✓ Pass

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 84.0881, -55.5912, 50.8415 Background



This preview shows how black text looks on a background with the HunterLab color 84.0881, -55.5912, 50.8415.



This preview shows how white text looks on a background with the HunterLab color 84.0881, -55.5912, 50.8415.

-55.5912, 50.8415.

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

84.0881, -55.5912, 50.8415

Protanopia

83.3998, -11.6943, 51.1858

Deuteranopia

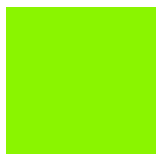
83.2324, 2.5229, 33.3810



Tritanopia

83.8786, -18.4340, -10.2670

Trichromacy



Original Color

84.0881, -55.5912, 50.8415



Protanomaly

82.8303, -30.3131, 50.5090



Deuteranomaly

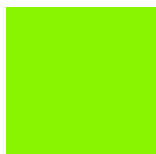
82.1648, -23.4677, 43.2388



Tritanomaly

82.6728, -38.4081, 27.3939

Monochromacy



Original Color

84.0881, -55.5912, 50.8415



Achromatopsia

69.6527, -3.7165, 3.7844



Achromatomaly

73.6604, -27.7788, 31.1071

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.0881, -55.5912, 50.8415 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, 245, 0)` looks like.

```
.text, #text, p{  
    color:rgb(138, 245, 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, 245, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 245, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 84.0881, -55.5912, 50.8415 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, 245, 0) }
```


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

```
.border{ border-color:rgb(138, 245, 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, 245, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 245, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 245, 0);  
box-shadow:4px 4px 4px 4px rgb(138, 245,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.0881, -55.5912, 50.8415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 245, 0) }
```

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

```
.background{ background-color: rgb(138,  
245, 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