

Converting Colors

HunterLab(83.0908, -54.5530,
49.6199)

Have a look what the booklet for
HunterLab(83.0908, -54.5530,
49.6199) contains.

HunterLab(82.9991, -54.4200, 49.5737)	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(82.9991,
-54.4200, 49.5737)**

Conversions

Conversions Part 1

Format	Color
Hex	89F218
RGB	137, 242, 24
RGB Percent	54%, 95%, 9%
CMY	0.4627, 0.0510, 0.9058
CMYK	0.43, 0.00, 0.90, 0.05
HSL	89°, 89%, 52%
HSV	89°, 90%, 95%
XYZ	42.2335, 68.8885, 11.9349
YIQ	185.7530, 7.3980, -90.0580

Conversions

Conversions Part 2

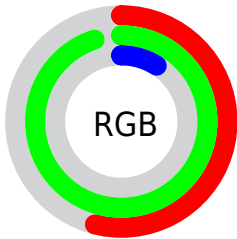
Format	Color
R_{YB}	24, 242, 129
Decimal	9040408
CIE _{Lab}	86.45, -60.05, 80.92
CIE _{LCh}	86, 100.766, 126.579
Yxy	68.8915, 0.3432, 0.5598
Android (android.graphics.Color)	4287230488 (0xFF89F218)
YUV	185.7530, -79.7442, -42.7564
Hunter-Lab	82.9991, -54.4200, 49.5737

Details

The HunterLab color **82.9991, -54.4200, 49.5737** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **34.2548, 72.4712, -123.0293**, and the grayscale version is **70.2935, -3.7507, 3.8192**.

A 20% lighter version of the original color is **91.8736, -41.7706, 48.4237**, and **60.0953, -45.4740, 36.2343** is the 20% darker color. If you saturate the color by 10%, you get **82.4012, -56.9593, 49.7781**, and if you desaturate by 10%, it is **83.7136, -51.3495, 48.6878**.

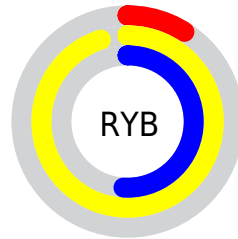
Distribution



Red (54%)

Green (95%)

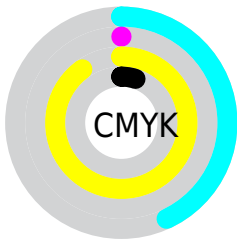
Blue (9%)



Red (9%)

Yellow (95%)

Blue (51%)

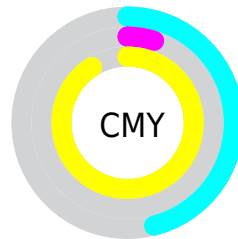


Cyan (43%)

Magenta (0%)

Yellow (90%)

Black (5%)



Cyan (46%)


Magenta (5%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 82.9991, -54.4200, 49.5737 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 82.9991, -54.4200, 49.5737 by changing the saturation by 10% instead.


 82.9991, -54.4200,
49.5737

 82.9991, -54.4200,
49.5737


213.6933,
-84.5857, 89.9474

 71.1501, -50.5605,
44.3232


 108.4558,
-61.7219, 59.4959


 59.9241, -46.5181,
38.8545


 122.0091,
-65.2049, 64.2062


 49.3598, -42.2511,
33.1596


 136.0843,
-68.5981, 68.7735

 39.5016, -37.6994,
27.6511

 150.6626,
-71.9141, 73.2134

 30.4043, -32.7764,
21.2830

 165.7272,
-75.1631, 77.5395

 22.1378, -27.3525,
15.4964

 181.2629,

 14.7959, -22.6952,

-78.3534, 81.7638

10.3571

197.2558,
-81.4922, 85.8967

■ 8.4504, -14.7881,
5.9153

0.0000, NaN, NaN

■ 82.9991, -54.4200,
49.5737

■ 82.9991, -54.4200,
49.5737

■ 82.4012, -56.9593,
49.7781

■ 83.7136, -51.3495,
48.6878

■ 84.5497, -47.6868,
46.9147

■ 85.5164, -43.4080,
44.1585

■ 86.6186, -38.5043,
40.3578

■ 87.8592, -32.9801,
35.4784

■ 89.2398, -26.8503,
29.5085

■ 90.7604, -20.1381,
22.4545

■ 92.4203, -12.8730,
14.3381

■ 94.2177, -5.0889,
5.1929

Harmonies

Analogous

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



83.0009, -15.1911, 53.7418



82.9991, -54.4200, 49.5737



83.0009, -75.6601, 33.3275

Triad

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



83.0009, -54.4217, 49.5741



83.0009, -39.3799, -131.3593



83.0009, 114.6780, 14.3522

Complementary

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



82.9991, -54.4200, 49.5737



34.2548, 72.4712, -123.0293

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.



83.0009, 103.8360, -40.8219



82.9991, -54.4200, 49.5737



83.0009, 6.9022, -147.9560

Square

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



83.0009, -54.4217, 49.5741



83.0009, -68.5259, -70.8114



83.0009, 61.1785, -108.0068



83.0009, 88.0294, 42.6926

Rectangle

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



82.9991, -54.4200, 49.5737



83.0009, -80.4052, 9.8062



83.0009, 61.1785, -108.0068



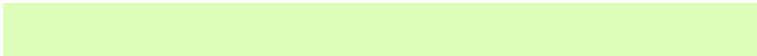
83.0009, 115.3752, -1.1429

Sweetspot

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



83.0009, -54.4217, 49.5741



95.1709, -26.4204, 29.1889



58.1383, 34.0033, 35.5376



43.7835, -13.3160, 14.6227

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.0009, -54.4217, 49.5741



87.4294, -60.5113, 52.8142



79.9180, -67.2838, 47.4254



42.4962, -5.7029, 6.3447



60.4619, -41.4684, 36.5304



17.6079, -11.2699, 10.6526

Inverse Universe

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



34.2548, 72.4712, -123.0293



33.7916, 79.2348, -143.7873



49.6818, 94.6025, -67.9852



39.4997, 1.4709, -2.2352



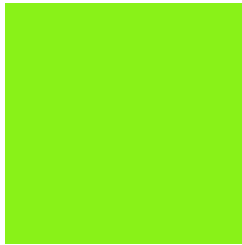
23.5377, 54.9401, -98.2089



7.2100, 16.3209, -26.1437

Previews

White Background



This preview shows how the HunterLab color 82.9991, -54.4200, 49.5737 looks on a white background.

Color Contrast Check

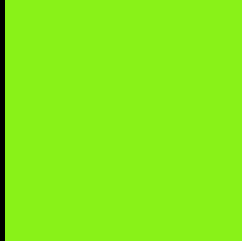
Large Text (above 18pt) WCAG AA × Fail

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 82.9991, -54.4200, 49.5737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

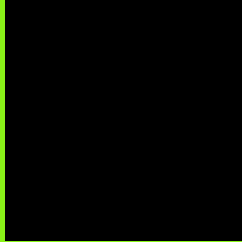
Any Text WCAG AA ✓ Pass

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 82.9991, -54.4200, 49.5737 Background



This preview shows how black text looks on a background with the HunterLab color 82.9991, -54.4200, 49.5737.



This preview shows how white text looks on a background with the HunterLab color 82.9991, -54.4200, 49.5737.

-54.4200, 49.5737.

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

82.9991, -54.4200, 49.5737

Protanopia

82.2677, -10.9131, 50.2737

Deuteranopia

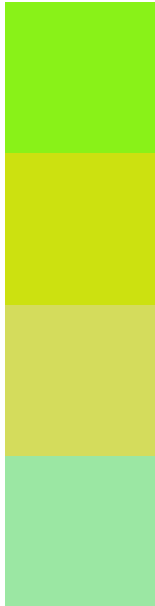
82.1732, 3.1481, 35.1967



Tritanopia

82.7215, -17.8194, -10.1148

Trichromacy



Original Color

82.9991, -54.4200, 49.5737

Protanomaly

81.6855, -29.4922, 49.4621

Deuteranomaly

81.2134, -21.9496, 42.2671

Tritanomaly

81.7097, -36.5942, 24.5656

Monochromacy



Original Color

82.9991, -54.4200, 49.5737

Achromatopsia

70.0729, -3.7389, 3.8072

Achromatomaly

73.4845, -26.4537, 28.6175

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 82.9991, -54.4200, 49.5737 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(137, 242, 24)` looks like.

```
.text, #text, p{  
    color:rgb(137, 242, 24)  
}
```

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(137, 242, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 242, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 82.9991, -54.4200, 49.5737 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(137, 242, 24) }
```


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

```
.border{ border-color:rgb(137, 242, 24) }
```

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

Here you see how a box with a 4 pixel rgb(137, 242, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 242, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 242, 24);  
box-shadow:4px 4px 4px 4px rgb(137, 242,  
24) }
```

Background

The CSS property to change the background color of an element to HunterLab 82.9991, -54.4200, 49.5737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 242, 24) }
```

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

```
.background{ background-color: rgb(137,  
242, 24) }
```

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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