

# Converting Colors

HunterLab(88.0503, -49.5662,  
52.3131)

Have a look what the booklet for  
HunterLab(88.0503, -49.5662,  
52.3131) contains.

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# Color

**HunterLab(88.2533,  
-49.6452, 52.4439)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACFB23
RGB	172, 251, 35
RGB Percent	67%, 98%, 14%
CMY	0.3255, 0.0157, 0.8627
CMYK	0.31, 0.00, 0.86, 0.02
HSL	82°, 96%, 56%
HSV	82°, 86%, 98%
XYZ	51.8139, 77.8864, 13.8928
YIQ	202.7550, 22.2520, -83.9240

# Conversions

## Conversions Part 2

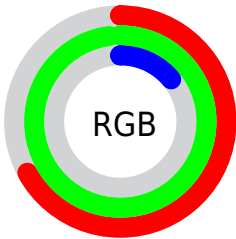
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 251, 114
Decimal	11336483
CIE Lab	90.73, -51.59, 83.33
CIE LCh	91, 98.002, 121.761
Yxy	77.8899, 0.3608, 0.5424
Android (android.graphics.Color)	4289526563 (0xFFACFB23)
YUV	202.7550, -82.7032, -26.9721
Hunter-Lab	88.2533, -49.6452, 52.4439

# Details

The HunterLab color **88.2533, -49.6452, 52.4439** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **34.2739, 69.9974, -135.5443**, and the grayscale version is **77.5116, -4.1358, 4.2114**.

A 20% lighter version of the original color is **94.7078, -30.8127, 49.4524**, and **64.8293, -41.9351, 39.2133** is the 20% darker color. If you saturate the color by 10%, you get **87.6281, -52.2719, 52.8883**, and if you desaturate by 10%, it is **88.9781, -46.5468, 51.1538**.

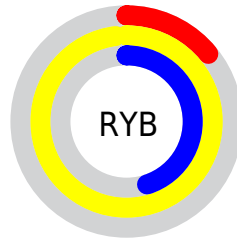
# Distribution



Red (67%)

Green (98%)

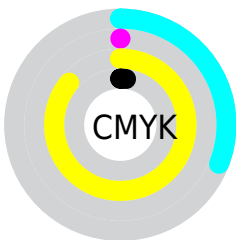
Blue (14%)



Red (14%)

Yellow (98%)

Blue (45%)

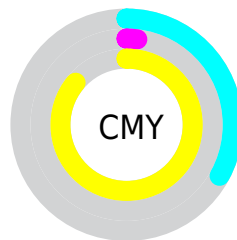


Cyan (31%)

Magenta (0%)

Yellow (86%)

Black (2%)



Cyan (33%)

Magenta (2%)


Yellow (86%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.2533, -49.6452, 52.4439 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 88.2533, -49.6452, 52.4439 by changing the saturation by 10% instead.





 88.2533, -49.6452,  
52.4439


 88.2533, -49.6452,  
52.4439


220.8603,  
-76.1069, 93.4012


 76.1469, -46.3316,  
47.1444


 114.1906,  
-55.9663, 62.4793


 64.6494, -42.8820,  
41.6319


 127.9696,  
-59.0023, 67.2518


 53.7970, -39.2668,  
35.8967


 142.2623,  
-61.9722, 71.8840

 43.6306, -35.4426,  
30.1482

 157.0506,  
-64.8853, 76.3906

 34.2001, -31.3473,  
23.9401

 172.3186,  
-67.7494, 80.7849

 25.5683, -26.8879,  
17.8978

188.0516,

 17.8171, -21.9181,

-70.5708, 85.0782

12.4720

204.2363,  
-73.3551, 89.2807

■ 11.0612, -19.3571,  
7.7428

■ 2.8421, -4.9737,  
1.9895

■ 88.2533, -49.6452,  
52.4439

■ 88.2533, -49.6452,  
52.4439

■ 87.6281, -52.2719,  
52.8883


■ 88.9781, -46.5468,  
51.1538


■ 87.4005, -53.2137,  
52.9242


■ 89.8059, -42.9259,  
48.8829


■ 90.7453, -38.7590,  
45.5409


■ 91.8009, -34.0341,  
41.0680

 92.9758, -28.7502,  
35.4283

 94.2719, -22.9145,  
28.6064

 95.6900, -16.5414,  
20.6039

 97.2301, -9.6510,  
11.4370

 98.6955, -3.3360,  
3.9230

# Harmonies

## Analogous

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



88.2552, -7.6360, 55.9505



88.2533, -49.6452, 52.4439



88.2552, -74.1851, 37.9325

# Triad

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



88.2552, -49.6473, 52.4443



88.2552, -45.5796, -118.9023



88.2552, 112.7440, 7.5565

# Complementary

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



88.2533, -49.6452, 52.4439



34.2739, 69.9974, -135.5443

# 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.



88.2552, 96.4006, -50.0301



88.2533, -49.6452, 52.4439



88.2552, -1.7531, -143.2094

# Square

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



88.2552, -49.6473, 52.4443



88.2552, -72.2285, -57.8001



88.2552, 51.5162, -112.9296



88.2552, 92.2743, 40.5427



# Rectangle

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



88.2533, -49.6452, 52.4439



88.2552, -80.8548, 16.8778



88.2552, 51.5162, -112.9296



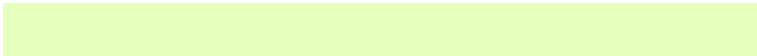
88.2552, 111.3601, -9.2607

# Sweetspot

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



88.2552, -49.6473, 52.4443



95.9834, -23.3115, 29.1027



56.4941, 45.6289, 33.9403



44.1881, -11.7673, 14.6420

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



88.2552, -49.6473, 52.4443



88.9790, -54.1959, 53.8797



83.8613, -67.6923, 49.3649



44.5588, -5.5672, 6.7852



63.4321, -38.3080, 38.4159



19.4592, -11.0373, 11.7974



# Inverse Universe

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



34.2739, 69.9974, -135.5443



30.9217, 76.3029, -161.0135



48.1326, 90.4765, -81.1857



41.1729, 1.1395, -2.5248



22.1972, 54.5064, -113.5080

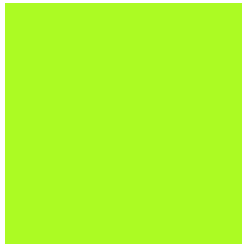


7.1699, 17.0078, -32.0262



# Previews

## White Background



This preview shows how the HunterLab color 88.2533, -49.6452, 52.4439 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

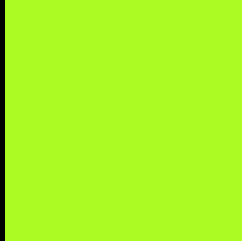
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.2533, -49.6452, 52.4439 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

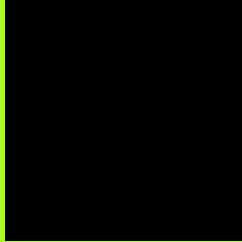
Any Text WCAG AA ✓ Pass

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 88.2533, -49.6452, 52.4439 Background



This preview shows how black text looks on a background with the HunterLab color 88.2533, -49.6452, 52.4439.



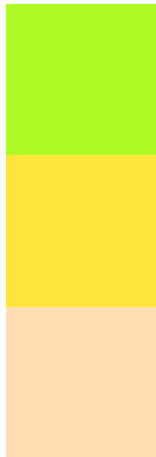
This preview shows how white text looks on a background with the HunterLab color 88.2533, -49.6452, 52.4439.

-49.6452, 52.4439.

# 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

88.2533, -49.6452, 52.4439

### Protanopia

87.7973, -11.6833, 50.9144

### Deuteranopia

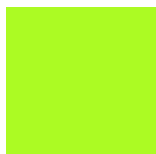
87.5882, 0.3760, 25.4666



## Tritanopia

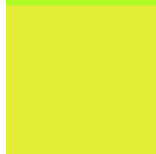
87.7735, -12.3171, -8.3395

# Trichromacy



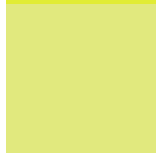
## Original Color

88.2533, -49.6452, 52.4439



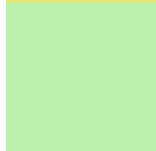
## Protanomaly

87.3192, -26.7481, 51.1314



## Deuteranomaly

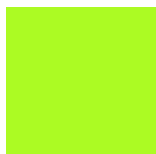
87.0584, -21.2200, 39.8308



## Tritanomaly

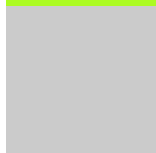
87.1218, -31.1782, 26.2329

# Monochromacy



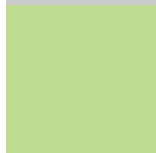
## Original Color

88.2533, -49.6452, 52.4439



## Achromatopsia

77.2788, -4.1234, 4.1987



## Achromatomaly

80.2159, -24.1890, 30.0899

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.2533, -49.6452, 52.4439 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(172, 251, 35)` looks like.

```
.text, #text, p{  
    color:rgb(172, 251, 35)  
}
```

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(172, 251, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 251, 35) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.2533, -49.6452, 52.4439 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(172, 251, 35) }
```



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

```
.border{ border-color:rgb(172, 251, 35) }
```

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

Here you see how a box with a 4 pixel rgb(172, 251, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 251, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 251, 35);  
box-shadow:4px 4px 4px 4px rgb(172, 251,  
35) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.2533, -49.6452, 52.4439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 251, 35) }
```

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

```
.background{ background-color: rgb(172,  
251, 35) }
```

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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