

# Converting Colors

HunterLab(89.3973, -52.0416,  
50.5119)

Have a look what the booklet for  
HunterLab(89.3973, -52.0416,  
50.5119) contains.

<b>HunterLab(89.4073, -52.0061, 50.5553)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(89.4073,  
-52.0061, 50.5553)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5FF44
RGB	165, 255, 68
RGB Percent	65%, 100%, 27%
CMY	0.3529, 0.0000, 0.7333
CMYK	0.35, 0.00, 0.73, 0.00
HSL	89°, 100%, 63%
HSV	89°, 73%, 100%
XYZ	52.3204, 79.9367, 18.1405
YIQ	206.7720, 6.3870, -77.2370

# Conversions

## Conversions Part 2

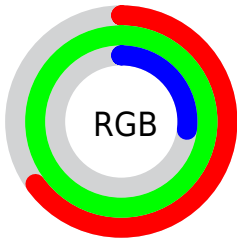
Format	Color
<a href="#">RYB</a>	<a href="#">68, 255, 158</a>
Decimal	<a href="#">10878788</a>
CIELab	<a href="#">91.66, -54.26, 75.56</a>
CIElCh	<a href="#">92, 93.025, 125.681</a>
Yxy	<a href="#">79.9367, 0.3479, 0.5315</a>
Android (android.graphics.Color)	<a href="#">4289068868 (0xFFA5FF44)</a>
YUV	<a href="#">206.7720, -68.4146, -36.6340</a>
Hunter-Lab	<a href="#">89.4073, -52.0061, 50.5553</a>

# Details

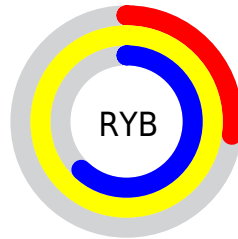
The HunterLab color **89.4073, -52.0061, 50.5553** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **43.1566, 66.0113, -102.2267**, and the grayscale version is **79.1759, -4.2246, 4.3018**.

A 20% lighter version of the original color is **94.3854, -31.4535, 44.7807**, and **65.8722, -44.7680, 39.8064** is the 20% darker color. If you saturate the color by 10%, you get **88.5644, -55.6802, 52.0997**, and if you desaturate by 10%, it is **90.3872, -47.6816, 47.9909**.

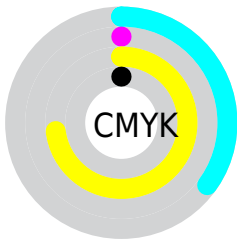
# Distribution



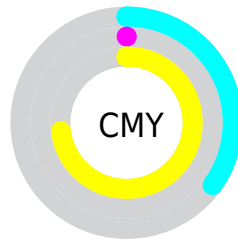
- Red (65%)
- Green (100%)
- Blue (27%)



- Red (27%)
- Yellow (100%)
- Blue (62%)



- Cyan (35%)
- Magenta (0%)
- Yellow (73%)
- Black (0%)




- Cyan (35%)
- Magenta (0%)
- Yellow (73%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 89.4073, -52.0061, 50.5553 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 89.4073, -52.0061, 50.5553 by changing the saturation by 10% instead.





 89.4073, -52.0061,  
50.5553

 89.4073, -52.0061,  
50.5553


222.4229,  
-79.4842, 88.0070


 77.2440, -48.5521,  
45.7186


 115.4456,  
-58.5822, 59.7061

 65.6884, -44.9570,  
40.6802


 129.2730,  
-61.7388, 64.0611


 54.7746, -41.1877,  
35.4186


 143.6123,  
-64.8246, 68.2916

 44.5427, -37.1994,  
29.9235

 158.4458,  
-67.8496, 72.4115

 35.0417, -32.9286,  
24.5292

 173.7575,  
-70.8218, 76.4331

 26.3327, -28.2809,  
18.4329

189.5329,

 18.4958, -23.1098,

-73.7479, 80.3670

12.9470

205.7587,  
-76.6338, 84.2223

■ 11.6415, -20.3726,  
8.1490

■ 4.2823, -7.4940,  
2.9976

■ 89.4073, -52.0061,  
50.5553

■ 89.4073, -52.0061,  
50.5553

■ 88.5644, -55.6802,  
52.0997

■ 90.3872, -47.6816,  
47.9909

■ 87.8495, -58.7401,  
52.7460

■ 91.5100, -42.6923,  
44.3315

■ 87.4340, -60.4919,  
52.8174

■ 92.7796, -37.0383,  
39.5303

■ 94.1980, -30.7319,  
33.5672

■ 95.7659, -23.7951,  
26.4428

■ 97.4827, -16.2575,  
18.1752

■ 99.3468, -8.1538,  
8.7964

■ 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.



89.4073, -13.6283, 55.3143



89.4073, -52.0061, 50.5553



89.4073, -73.6447, 33.7355

# Triad

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



89.4073, -52.0059, 50.5546



89.4073, -39.3270, -115.8278



89.4073, 105.3149, 13.0384

# Complementary

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



89.4073, -52.0061, 50.5553



43.1566, 66.0113, -102.2267

# 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.



89.4073, 94.4669, -38.7535



89.4073, -52.0061, 50.5553



89.4073, 4.4361, -131.7120

# Square

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



89.4073, -52.0059, 50.5546



89.4073, -67.4643, -61.9885



89.4073, 54.8987, -98.2119



89.4073, 82.0458, 42.1290



# Rectangle

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



89.4073, -52.0061, 50.5553



89.4073, -78.7694, 11.1580



89.4073, 54.8987, -98.2119



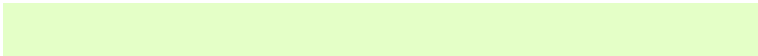
89.4073, 105.5870, -1.9179

# Sweetspot

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



89.4073, -52.0059, 50.5546



95.9858, -22.8261, 25.4081



67.2386, 25.8205, 37.0608



44.2014, -11.4688, 12.7206

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



89.4073, -52.0059, 50.5546



88.2153, -57.1823, 52.5040



85.6755, -67.3315, 47.8287



45.4219, -6.1170, 6.8082



63.2730, -43.4361, 38.2281



19.9075, -12.8823, 12.0414



# Inverse Universe

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



43.1566, 66.0113, -102.2267



36.9245, 76.1109, -127.8272



56.0821, 89.9663, -63.8868



42.1979, 1.5967, -2.4220



24.5977, 57.4611, -102.9937

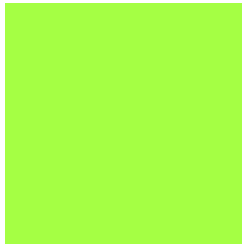


8.0854, 18.3894, -29.9915



# Previews

## White Background



This preview shows how the HunterLab color 89.4073, -52.0061, 50.5553 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

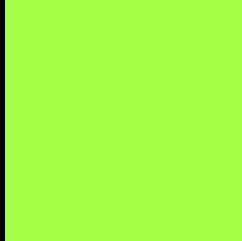
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 89.4073, -52.0061, 50.5553 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

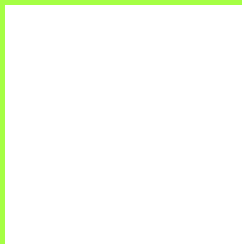
Any Text WCAG AAA ✓ Pass

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

## HunterLab 89.4073, -52.0061, 50.5553 Background



This preview shows how black text looks on a background with the HunterLab color 89.4073, -52.0061, 50.5553.



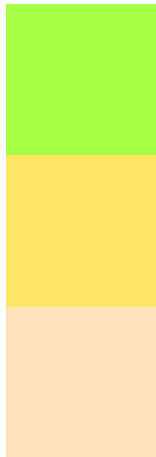
This preview shows how white text looks on a background with the HunterLab color 89.4073, -52.0061, 50.5553.

-52.0061, 50.5553.

# 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

89.4073, -52.0061, 50.5553

### Protanopia

88.7546, -10.8444, 46.4462

### Deuteranopia

88.7121, -0.0409, 23.2420



## Tritanopia

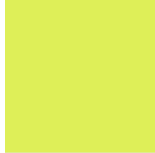
89.0268, -14.2783, -8.3989

# Trichromacy



## Original Color

89.4073, -52.0061, 50.5553



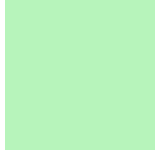
## Protanomaly

88.2990, -27.6673, 47.7257



## Deuteranomaly

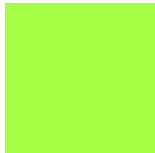
88.0535, -22.0154, 36.1062



## Tritanomaly

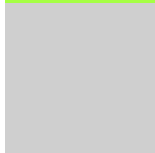
88.5192, -32.2064, 22.4916

# Monochromacy



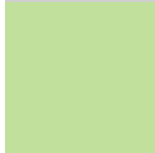
## Original Color

89.4073, -52.0061, 50.5553



## Achromatopsia

78.9912, -4.2148, 4.2917



## Achromatomaly

81.8035, -24.4638, 27.1823

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 89.4073, -52.0061, 50.5553 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(165, 255, 68)` looks like.

```
.text, #text, p{  
    color:rgb(165, 255, 68)  
}
```

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(165, 255, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 255, 68) }
```

## Border

The CSS property to change the border of an element to HunterLab 89.4073, -52.0061, 50.5553 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(165, 255, 68) }
```



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

```
.border{ border-color:rgb(165, 255, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 255, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 255, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 255, 68);  
box-shadow:4px 4px 4px 4px rgb(165, 255,  
68) }
```

# Background

The CSS property to change the background color of an element to HunterLab 89.4073, -52.0061, 50.5553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 255, 68) }
```

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

```
.background{ background-color: rgb(165,  
255, 68) }
```

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