

# Converting Colors

HunterLab(87.8185, -44.1594,  
39.2480)

Have a look what the booklet for  
HunterLab(87.8185, -44.1594,  
39.2480) contains.

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# Color

**HunterLab(87.8378,  
-44.1992, 39.3326)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A9F881
RGB	169, 248, 129
RGB Percent	66%, 97%, 51%
CMY	0.3373, 0.0274, 0.4941
CMYK	0.32, 0.00, 0.48, 0.03
HSL	100°, 89%, 74%
HSV	100°, 48%, 97%
XYZ	53.8920, 77.1548, 32.8208
YIQ	210.8130, -8.8850, -53.7570

# Conversions

## Conversions Part 2

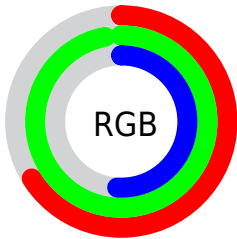
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 248, 208
Decimal	11139201
CIELab	90.39, -44.75, 49.34
CIELCh	90, 66.610, 132.210
Yxy	77.1581, 0.3289, 0.4708
Android (android.graphics.Color)	4289329281 (0xFFA9F881)
YUV	210.8130, -40.3338, -36.6700
Hunter-Lab	87.8378, -44.1992, 39.3326

# Details

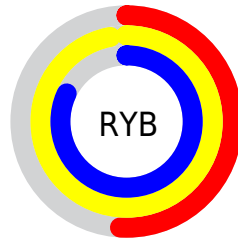
The HunterLab color  $87.8378, -44.1992, 39.3326$  is a light color, and the websafe version is hex  $99FF99$ . A complement of this color would be  $59.9083, 46.5499, -50.1644$ , and the grayscale version is  $80.8016, -4.3114, 4.3901$ .

A 20% lighter version of the original color is  $95.5571, -25.0888, 30.3061$ , and  $64.2605, -38.1638, 32.6203$  is the 20% darker color. If you saturate the color by 10%, you get  $86.5267, -50.0747, 43.4295$ , and if you desaturate by 10%, it is  $89.3514, -37.4893, 34.1722$ .

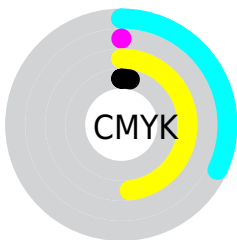
# Distribution



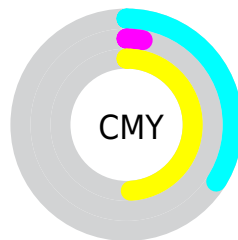
- Red (66%)
- Green (97%)
- Blue (51%)



- Red (51%)
- Yellow (97%)
- Blue (82%)



- Cyan (32%)
- Magenta (0%)
- Yellow (48%)
- Black (3%)




- Cyan (34%)
- Magenta (3%)
- Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.8378, -44.1992, 39.3326 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 87.8378, -44.1992, 39.3326 by changing the saturation by 10% instead.





 87.8378, -44.1992,  
39.3326

 87.8378, -44.1992,  
39.3326


220.2959,  
-67.9632, 65.5379

 75.7513, -41.2612,  
36.0255


 113.7377,  
-49.8282, 45.6227

 64.2748, -38.2121,  
32.5806


 127.4992,  
-52.5429, 48.6368

 53.4447, -35.0270,  
28.9707


 141.7749,  
-55.2053, 51.5806

 43.3022, -31.6691,  
25.1615

156.5469,  
-57.8232, 54.4639

 33.8974, -28.0850,  
21.1127

171.7991,  
-60.4030, 57.2950

 25.2936, -24.1946,  
17.2029

187.5167,

 17.5737, -19.8683,

-62.9500, 60.0806

12.3016

203.6864,  
-65.4688, 62.8265

■ 10.8537, -18.9734,  
7.5976

■ 2.0894, -3.6564,  
1.4626

■ 87.8378, -44.1992,  
39.3326

■ 87.8378, -44.1992,  
39.3326

■ 86.5267, -50.0747,  
43.4295

■ 89.3514, -37.4893,  
34.1722

■ 85.4099, -55.0870,  
46.4764


■ 91.0623, -29.9784,  
27.9561


■ 84.4837, -59.2338,  
48.5199


■ 92.9707, -21.7189,  
20.7148


■ 83.7392, -62.5356,  
49.6447

■ 95.0732, -12.7688,  
12.4936

 83.1623, -65.0509,  
50.0030

 97.3652, -3.1911,  
3.3489

 83.0622, -65.4855,  
50.0361

 97.7845, -1.6139,  
2.8622

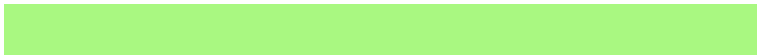
# Harmonies

## Analogous

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



87.8397, -18.0081, 46.2646



87.8378, -44.1992, 39.3326



87.8397, -58.3668, 21.6384

# Triad

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



87.8397, -44.2010, 39.3333



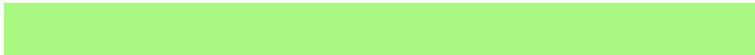
87.8397, -23.6644, -76.7192



87.8397, 68.2134, 16.8685

# Complementary

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



87.8378, -44.1992, 39.3326



59.9083, 46.5499, -50.1644

# Split Complementary

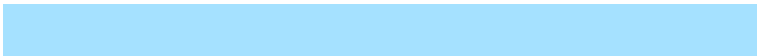
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.8397, 66.0866, -16.2634



87.8378, -44.1992, 39.3326



87.8397, 9.4687, -79.5571

# Square

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



87.8397, -44.2010, 39.3333



87.8397, -47.8010, -47.6695



87.8397, 43.3327, -54.3826



87.8397, 48.7669, 36.9822



# Rectangle

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



87.8378, -44.1992, 39.3326



87.8397, -60.6186, 2.3656



87.8397, 43.3327, -54.3826



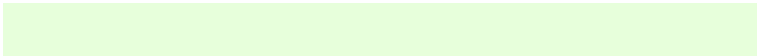
87.8397, 70.0713, 7.1304

# Sweetspot

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



87.8397, -44.2010, 39.3333



96.7931, -18.8373, 18.1354



81.1517, 0.5894, 34.8409



44.5682, -9.6242, 9.2178

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.8397, -44.2010, 39.3333



89.2931, -51.7401, 44.8618



85.9694, -51.0369, 33.0847



44.2635, -6.6189, 6.4476



61.1040, -47.8931, 36.8136



18.7447, -13.9516, 11.3062



# Inverse Universe

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



59.9083, 46.5499, -50.1644



55.4767, 59.2091, -65.8897



64.3278, 56.3277, -28.4806



41.4914, 2.2174, -2.0954



28.3583, 61.4743, -81.7498

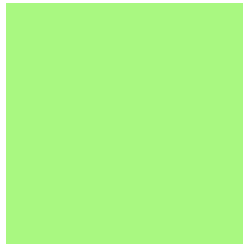


8.9607, 19.1294, -23.5428



# Previews

## White Background



This preview shows how the HunterLab color 87.8378, -44.1992, 39.3326 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

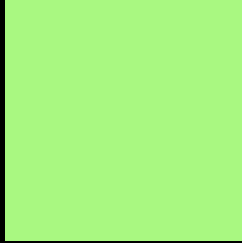
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.8378, -44.1992, 39.3326 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

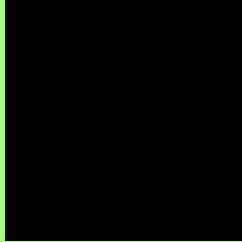
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

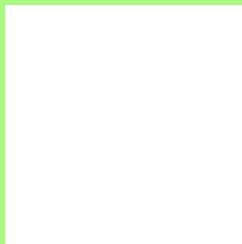
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.8378, -44.1992, 39.3326 Background



This preview shows how black text looks on a background with the HunterLab color 87.8378, -44.1992, 39.3326.



This preview shows how white text looks on a background with the HunterLab color 87.8378,

-44.1992, 39.3326.

# 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

87.8378, -44.1992, 39.3326

### Protanopia

87.4546, -10.0717, 41.2301

### Deuteranopia

87.3787, 1.4028, 23.8374



## Tritanopia

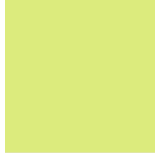
87.6107, -14.4913, -9.1572

# Trichromacy



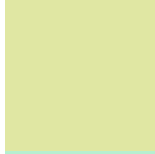
## Original Color

87.8378, -44.1992, 39.3326



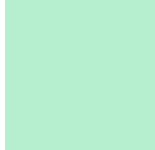
## Protanomaly

87.2427, -23.9289, 40.1541



## Deuteranomaly

86.9733, -16.8971, 29.6754



## Tritanomaly

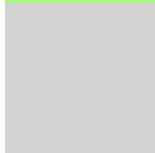
87.3110, -26.9747, 12.8054

# Monochromacy



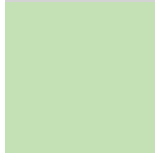
## Original Color

87.8378, -44.1992, 39.3326



## Achromatopsia

80.7097, -4.3065, 4.3851



## Achromatomaly

82.6942, -20.0343, 19.2615

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.8378, -44.1992, 39.3326 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(169, 248, 129)` looks like.

```
.text, #text, p{  
    color:rgb(169, 248, 129)  
}
```

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(169, 248, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 248, 129) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.8378, -44.1992, 39.3326 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(169, 248, 129) }
```



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

```
.border{ border-color:rgb(169, 248, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 248, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 248, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 248, 129);  
box-shadow:4px 4px 4px 4px rgb(169, 248,  
129) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.8378, -44.1992, 39.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 248, 129) }
```

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

```
.background{ background-color: rgb(169,  
248, 129) }
```

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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