

# Converting Colors

HunterLab(89.8176, -48.1818,  
33.9175)

Have a look what the booklet for  
HunterLab(89.8176, -48.1818,  
33.9175) contains.

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# Color

**HunterLab(89.8103,  
-48.2254, 34.0243)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 99FF9B                       |
| RGB         | 153, 255, 155                |
| RGB Percent | 60%, 100%, 61%               |
| CMY         | 0.4000, 0.0000, 0.3921       |
| CMYK        | 0.40, 0.00, 0.39, 0.00       |
| HSL         | 121°, 100%, 80%              |
| HSV         | 121°, 40%, 100%              |
| XYZ         | 54.8133, 80.6589, 43.6902    |
| YIQ         | 213.1020, -28.6920, -52.7240 |

# Conversions

## Conversions Part 2

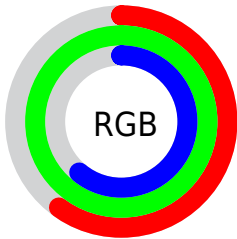
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 153, 253, 255                   |
| Decimal                             | 10092443                        |
| CIELab                              | 91.98, -49.24, 38.66            |
| CIELCh                              | 92, 62.604, 141.870             |
| Yxy                                 | 80.6591, 0.3059,<br>0.4502      |
| Android<br>(android.graphics.Color) | 4288282523<br>(0xFF99FF9B)      |
| YUV                                 | 213.1020, -28.6443,<br>-52.7095 |
| Hunter-Lab                          | 89.8103, -48.2254,<br>34.0243   |

# Details

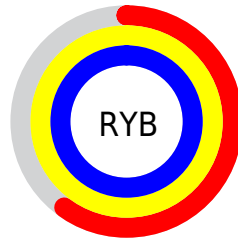
The HunterLab color **89.8103, -48.2254, 34.0243** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **71.5084, 50.4954, -32.1016**, and the grayscale version is **81.7440, -4.3617, 4.4413**.

A 20% lighter version of the original color is **94.8799, -26.3387, 19.9019**, and **66.2075, -41.9470, 28.8054** is the 20% darker color. If you saturate the color by 10%, you get **88.1376, -55.7802, 39.1259**, and if you desaturate by 10%, it is **91.8367, -39.2860, 28.0236**.

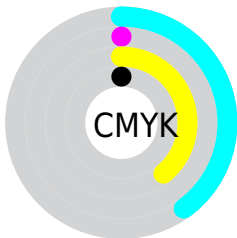
# Distribution



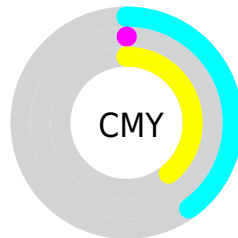
- Red (60%)
- Green (100%)
- Blue (61%)



- Red (60%)
- Yellow (99%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 89.8103, -48.2254, 34.0243 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 89.8103, -48.2254, 34.0243 by changing the saturation by 10% instead.



89.8103, -48.2254,  
34.0243

89.8103, -48.2254,  
34.0243

222.9689,  
-73.6914, 55.7093

77.6279, -45.0537,  
31.3556

115.8844,  
-54.2826, 39.1394

66.0522, -41.7607,  
28.5926

129.7287,  
-57.1990, 41.6115

55.1170, -38.3169,  
25.7123

144.0842,  
-60.0555, 44.0387

44.8624, -34.6830,  
22.6854

158.9334,  
-62.8604, 46.4279

35.3368, -30.8028,  
19.4729

174.2603,  
-65.6211, 48.7851

26.6011, -26.5928,  
16.0246

190.0505,

18.7345, -21.9210,

-68.3432, 51.1151

13.1141

206.2907,  
-71.0319, 53.4220

■ 11.8462, -19.8509,  
8.2923

■ 4.6816, -8.1928,  
3.2771

■ 89.8103, -48.2254,  
34.0243

■ 89.8103, -48.2254,  
34.0243

■ 88.1376, -55.7802,  
39.1259

■ 91.8367, -39.2860,  
28.0236

■ 86.8129, -61.8848,  
43.2821

■ 94.2154, -29.0690,  
21.1984

■ 85.8233, -66.5211,  
46.4757

■ 96.9401, -17.7042,  
13.6362

■ 85.1468, -69.7322,  
48.7290

100.0000, -5.3358,  
5.4332

■ 84.7507, -71.6326,  
50.1094

■ 84.5760, -72.4776,  
50.7457

■ 84.5760, -72.4776,  
50.7457

# Harmonies

## Analogous

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



89.8104, -26.5714, 43.9916



89.8103, -48.2254, 34.0243



89.8104, -57.9190, 12.7735

# Triad

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



89.8104, -48.2248, 34.0236



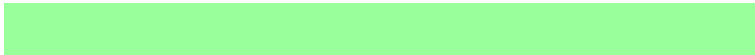
89.8104, -13.3282, -74.4261



89.8104, 59.6826, 24.0605

# Complementary

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



89.8103, -48.2254, 34.0243



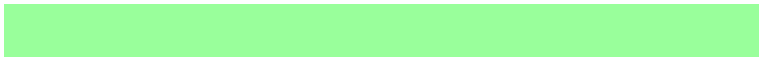
71.5084, 50.4954, -32.1016

# 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.



89.8104, 64.5349, -3.7830



89.8103, -48.2254, 34.0243



89.8104, 19.2727, -68.0925

# Square

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



89.8104, -48.2248, 34.0236



89.8104, -39.6955, -54.3620



89.8104, 48.8655, -39.2432

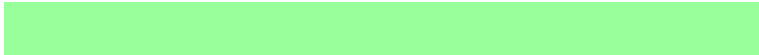


89.8104, 36.4078, 39.8000



# Rectangle

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



89.8103, -48.2254, 34.0243



89.8104, -57.3946, -7.9929



89.8104, 48.8655, -39.2432



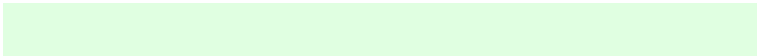
89.8104, 63.6416, 16.1060

# Sweetspot

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



89.8104, -48.2248, 34.0236



96.3678, -20.0627, 15.2033



97.3442, -19.7558, 41.2812



44.4146, -9.9841, 7.5006

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

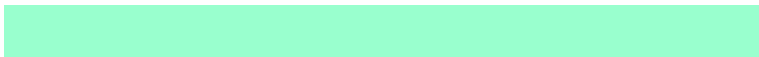
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.8104, -48.2248, 34.0236



88.4440, -54.3840, 38.1801



90.9583, -41.4282, 17.3846



44.9154, -7.9178, 6.1274



61.1383, -52.3781, 36.6517



19.0825, -16.3119, 11.3613



# Inverse Universe

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



71.5084, 50.4954, -32.1016



67.0760, 61.5490, -39.4353



69.5135, 40.9671, -4.2673



42.7713, 3.5107, -1.5347



38.3640, 75.1069, -48.1344

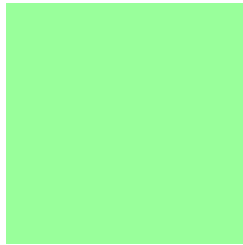


11.9788, 23.4634, -15.1220



# Previews

## White Background



This preview shows how the HunterLab color 89.8103, -48.2254, 34.0243 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

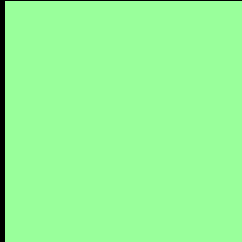
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 89.8103, -48.2254, 34.0243 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

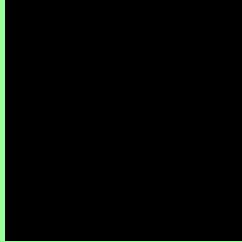
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

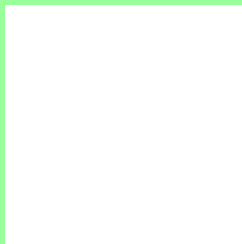
Any Text WCAG AAA ✓ Pass

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

## HunterLab 89.8103, -48.2254, 34.0243 Background



This preview shows how black text looks on a background with the HunterLab color 89.8103, -48.2254, 34.0243.



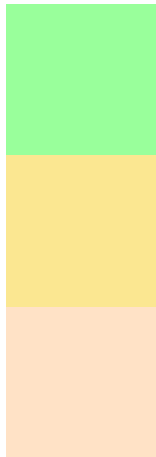
This preview shows how white text looks on a background with the HunterLab color 89.8103,

-48.2254, 34.0243.

# 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

89.8103, -48.2254, 34.0243

### Protanopia

89.2779, -9.3413, 37.0590

### Deuteranopia

89.2916, 0.9252, 19.5621



## Tritanopia

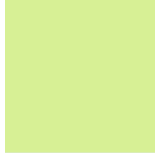
89.6432, -17.0986, -7.6352

# Trichromacy



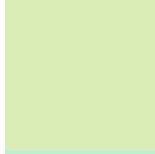
## Original Color

89.8103, -48.2254, 34.0243



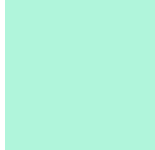
## Protanomaly

88.8466, -25.6764, 35.3226



## Deuteranomaly

88.7982, -19.4263, 24.8275



## Tritanomaly

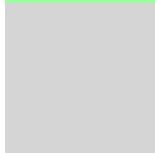
89.2465, -29.4903, 9.9544

# Monochromacy



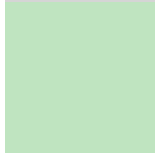
## Original Color

89.8103, -48.2254, 34.0243



## Achromatopsia

81.5713, -4.3524, 4.4319



## Achromatomaly

83.8862, -21.8012, 16.0615

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 89.8103, -48.2254, 34.0243 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(153, 255, 155)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 155)  
}
```

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(153, 255, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 155) }
```

## Border

The CSS property to change the border of an element to HunterLab 89.8103, -48.2254, 34.0243 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(153, 255, 155) }
```



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

```
.border{ border-color:rgb(153, 255, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 255, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 155);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
155) }
```

# Background

The CSS property to change the background color of an element to HunterLab 89.8103, -48.2254, 34.0243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 255, 155) }
```

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

```
.background{ background-color: rgb(153,  
255, 155) }
```

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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