

# Converting Colors

HunterLab(89.8601, -48.1023,  
34.6448)

Have a look what the booklet for  
HunterLab(89.8601, -48.1023,  
34.6448) contains.

<b>HunterLab(89.8824, -48.0139, 34.6650)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(89.8824,  
-48.0139, 34.6650)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BFF99
RGB	155, 255, 153
RGB Percent	61%, 100%, 60%
CMY	0.3922, 0.0000, 0.4000
CMYK	0.39, 0.00, 0.40, 0.00
HSL	119°, 100%, 80%
HSV	119°, 40%, 100%
XYZ	55.0273, 80.7885, 42.8305
YIQ	213.4720, -26.8580, -52.9220

# Conversions

## Conversions Part 2

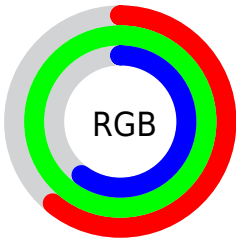
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 255, 253
Decimal	10223513
CIELab	92.04, -48.95, 39.73
CIELCh	92, 63.045, 140.938
Yxy	80.7887, 0.3080, 0.4522
Android (android.graphics.Color)	4288413593 (0xFF9BFF99)
YUV	213.4720, -29.8127, -51.2799
Hunter-Lab	89.8824, -48.0139, 34.6650

# Details

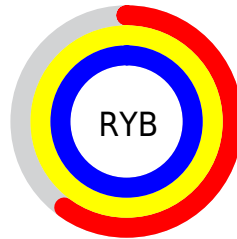
The HunterLab color  $89.8824, -48.0139, 34.6650$  is a light color, and the websafe version is hex  $99FF99$ . A complement of this color would be  $71.3347, 50.2004, -33.7985$ , and the grayscale version is  $81.9080, -4.3704, 4.4502$ .

A 20% lighter version of the original color is  $94.9843, -26.0567, 20.8234$ , and  $66.2608, -41.7897, 29.3098$  is the 20% darker color. If you saturate the color by 10%, you get  $88.2107, -55.5589, 39.7709$ , and if you desaturate by 10%, it is  $91.9011, -39.1041, 28.5999$ .

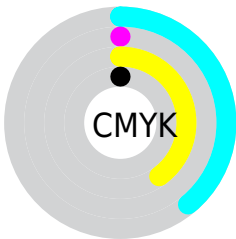
# Distribution



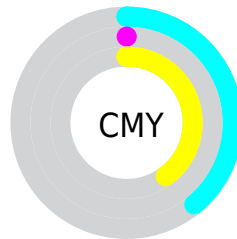
- Red (61%)
- Green (100%)
- Blue (60%)



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



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




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


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 89.8824, -48.0139, 34.6650 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 89.8824, -48.0139, 34.6650 by changing the saturation by 10% instead.





 89.8824, -48.0139,  
34.6650

 89.8824, -48.0139,  
34.6650


223.0665,  
-73.3619, 56.7870

 77.6966, -44.8590,  
31.9352


 115.9629,  
-54.0405, 39.8927

 66.1173, -41.5839,  
29.1073


 129.8102,  
-56.9429, 42.4170

 55.1783, -38.1596,  
26.1577


144.1687,  
-59.7858, 44.8941

 44.9196, -34.5469,  
23.0564

159.0206,  
-62.5779, 47.3311

 35.3897, -30.6903,  
19.7643

174.3503,  
-65.3261, 49.7343

 26.6492, -26.5070,  
16.2310

190.1431,

 18.7773, -21.8662,

-68.0363, 52.1086

13.1441

206.3859,  
-70.7135, 54.4583

■ 11.8829, -19.7194,  
8.3180

■ 4.7494, -8.3115,  
3.3246

■ 89.8824, -48.0139,  
34.6650

■ 89.8824, -48.0139,  
34.6650

■ 88.2107, -55.5589,  
39.7709

■ 91.9011, -39.1041,  
28.5999

■ 86.8807, -61.6742,  
43.8769

■ 94.2651, -28.9342,  
21.6470

■ 85.8803, -66.3404,  
46.9737

■ 96.9684, -17.6310,  
13.8924

■ 85.1888, -69.5973,  
49.0945

100.0000, -5.3358,  
5.4332

■ 84.7752, -71.5533,  
50.3221

■ 84.5886, -72.4367,  
50.8549

■ 84.5886, -72.4367,  
50.8549

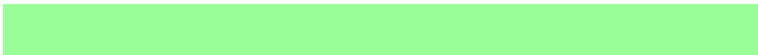
# Harmonies

## Analogous

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



89.8825, -25.8805, 44.3579



89.8824, -48.0139, 34.6650



89.8825, -58.1506, 13.6862

# Triad

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



89.8825, -48.0134, 34.6643



89.8825, -14.3491, -74.9028



89.8825, 60.6675, 23.5034

# Complementary

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



89.8824, -48.0139, 34.6650



71.3347, 50.2004, -33.7985

# 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.



89.8825, 64.9033, -4.8904



89.8824, -48.0139, 34.6650



89.8825, 18.4207, -69.3620

# Square

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



89.8825, -48.0134, 34.6643



89.8825, -40.5949, -53.9307



89.8825, 48.5226, -40.7165

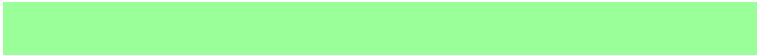


89.8825, 37.6529, 39.6707



# Rectangle

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



89.8824, -48.0139, 34.6650



89.8825, -57.8860, -7.0204



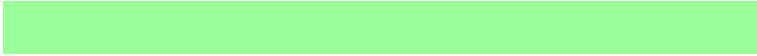
89.8825, 48.5226, -40.7165



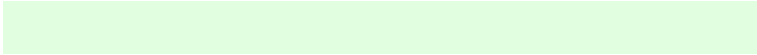
89.8825, 64.4509, 15.3695

# Sweetspot

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



89.8825, -48.0134, 34.6643



96.4007, -19.9770, 15.5038



96.4002, -17.4663, 40.5593



44.4313, -9.9406, 7.6522

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

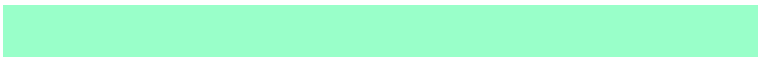
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.8825, -48.0134, 34.6643



88.5173, -54.1635, 38.8292



90.8245, -42.2157, 19.3143



44.9278, -7.8859, 6.2410



61.1514, -52.3357, 36.7650



19.0964, -16.2667, 11.4823



# Inverse Universe

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



71.3347, 50.2004, -33.7985



66.8534, 61.2203, -41.6378



69.6908, 41.8201, -6.7654



42.7565, 3.4764, -1.6732



37.9487, 74.9293, -52.5397

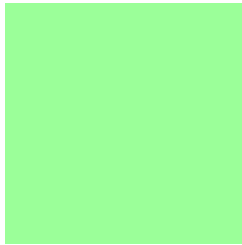


11.8648, 23.4147, -16.3316



# Previews

## White Background



This preview shows how the HunterLab color 89.8824, -48.0139, 34.6650 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

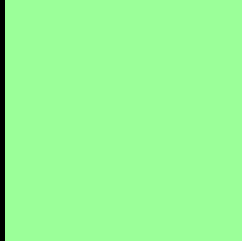
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 89.8824, -48.0139, 34.6650 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

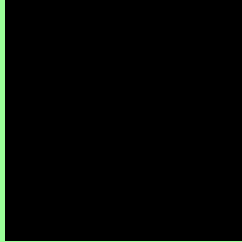
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

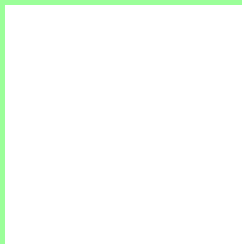
Any Text WCAG AAA ✓ Pass

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

## HunterLab 89.8824, -48.0139, 34.6650 Background



This preview shows how black text looks on a background with the HunterLab color 89.8824, -48.0139, 34.6650.



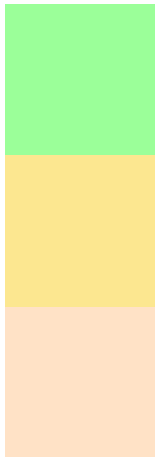
This preview shows how white text looks on a background with the HunterLab color 89.8824, -48.0139, 34.6650.

-48.0139, 34.6650.

# 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

89.8824, -48.0139, 34.6650

### Protanopia

89.3649, -9.0686, 37.4017

### Deuteranopia

89.2916, 0.9252, 19.5621



## Tritanopia

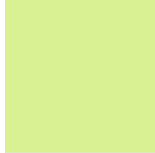
89.7147, -16.8400, -7.5367

# Trichromacy



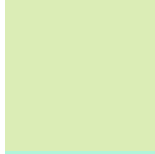
## Original Color

89.8824, -48.0139, 34.6650



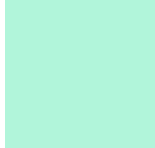
## Protanomaly

88.9823, -25.2440, 35.9958



## Deuteranomaly

88.8852, -19.1093, 24.9156



## Tritanomaly

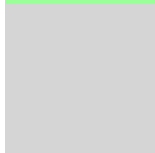
89.2826, -29.4135, 10.4530

# Monochromacy



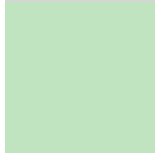
## Original Color

89.8824, -48.0139, 34.6650



## Achromatopsia

81.5713, -4.3524, 4.4319



## Achromatomaly

83.9374, -21.6652, 16.5259

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 89.8824, -48.0139, 34.6650 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(155, 255, 153)` looks like.

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

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

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

## Border

The CSS property to change the border of an element to HunterLab 89.8824, -48.0139, 34.6650 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(155, 255, 153) }
```



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

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

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

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

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

# Background

The CSS property to change the background color of an element to HunterLab 89.8824, -48.0139, 34.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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