

# Converting Colors

HunterLab(89.6217, -50.4258,  
39.0882)

Have a look what the booklet for  
HunterLab(89.6217, -50.4258,  
39.0882) contains.

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# Color

**HunterLab(89.4660,  
-50.2825, 39.0578)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99FF87
RGB	153, 255, 135
RGB Percent	60%, 100%, 53%
CMY	0.4000, 0.0000, 0.4706
CMYK	0.40, 0.00, 0.47, 0.00
HSL	111°, 100%, 76%
HSV	111°, 47%, 100%
XYZ	53.2701, 80.0417, 35.5637
YIQ	210.8220, -22.2720, -58.9440

# Conversions

## Conversions Part 2

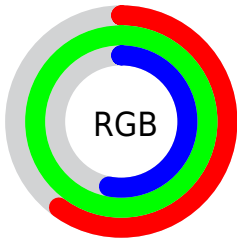
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 255, 237</a>
Decimal	<a href="#">10092423</a>
CIELab	<a href="#">91.70, -52.00, 47.96</a>
CIElCh	<a href="#">92, 70.737, 137.314</a>
Yxy	<a href="#">80.0417, 0.3154, 0.4740</a>
Android (android.graphics.Color)	<a href="#">4288282503 (0xFF99FF87)</a>
YUV	<a href="#">210.8220, -37.3802, -50.7099</a>
Hunter-Lab	<a href="#">89.4660, -50.2825, 39.0578</a>

# Details

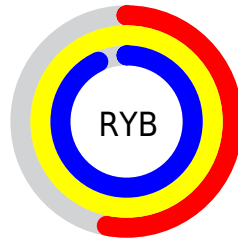
The HunterLab color  $89.4660, -50.2825, 39.0578$  is a light color, and the websafe version is hex  $99FF99$ . A complement of this color would be  $65.2333, 54.5101, -44.8374$ , and the grayscale version is  $80.7961, -4.3111, 4.3898$ .

A 20% lighter version of the original color is  $94.3857, -29.1649, 27.0481$ , and  $65.9016, -43.7227, 32.6611$  is the 20% darker color. If you saturate the color by 10%, you get  $88.0263, -56.7966, 43.4062$ , and if you desaturate by 10%, it is  $91.1879, -42.6067, 33.6692$ .

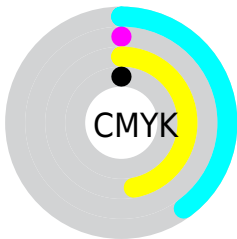
# Distribution



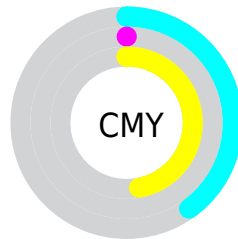
- Red (60%)
- Green (100%)
- Blue (53%)



- Red (53%)
- Yellow (100%)
- Blue (93%)



- Cyan (40%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 89.4660, -50.2825, 39.0578 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 89.4660, -50.2825, 39.0578 by changing the saturation by 10% instead.



■ 89.4660, -50.2825,  
39.0578

■ 89.4660, -50.2825,  
39.0578

222.5025,  
-76.8548, 64.6102

■ 77.2999, -46.9551,  
35.8463

■ 115.5095,  
-56.6253, 45.1719

■ 65.7414, -43.4954,  
32.5065

■ 129.3394,  
-59.6738, 48.1068

■ 54.8245, -39.8719,  
29.0109

■ 143.6811,  
-62.6564, 50.9759

■ 44.5893, -36.0419,  
25.3262

158.5168,  
-65.5823, 53.7884

■ 35.0847, -31.9452,  
21.4121

173.8307,  
-68.4592, 56.5521

■ 26.3718, -27.4918,  
17.4067

189.6083,

■ 18.5305, -22.5410,

-71.2935, 59.2734

12.9713

205.8363,  
-74.0905, 61.9579

■ 11.6712, -20.4247,  
8.1699

■ 4.3428, -7.5999,  
3.0400

■ 89.4660, -50.2825,  
39.0578

■ 89.4660, -50.2825,  
39.0578

■ 88.0263, -56.7966,  
43.4062

■ 91.1879, -42.6067,  
33.6692

■ 86.8635, -62.1128,  
46.7120

■ 93.1924, -33.8364,  
27.2764

■ 85.9675, -66.2284,  
49.0060

■ 95.4767, -24.0575,  
19.9350

■ 85.3220, -69.1839,  
50.3638

■ 98.0346, -13.3692,  
11.7169

■ 84.9034, -71.0725, 100.0000, -5.3358,  
50.9224 5.4332

■ 84.8155, -71.4665,  
51.0118

# Harmonies

## Analogous

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



89.4661, -24.5052, 47.7448



89.4660, -50.2825, 39.0578



89.4661, -62.9053, 18.1864

# Triad

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



89.4661, -50.2820, 39.0570



89.4661, -19.5121, -86.4169



89.4661, 71.5654, 22.3699

# Complementary

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



89.4660, -50.2825, 39.0578



65.2333, 54.5101, -44.8374

# Split Complementary

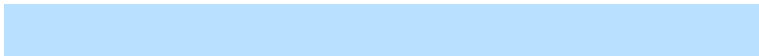
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.4661, 73.4731, -10.8720



89.4660, -50.2825, 39.0578



89.4661, 16.8209, -83.8371

# Square

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



89.4661, -50.2820, 39.0570



89.4661, -47.1278, -58.5013



89.4661, 52.1502, -52.4318



89.4661, 47.2903, 41.0700



# Rectangle

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



89.4660, -50.2825, 39.0578



89.4661, -63.7215, -3.9464



89.4661, 52.1502, -52.4318



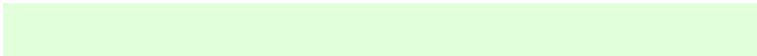
89.4661, 74.9665, 12.8712

# Sweetspot

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



89.4661, -50.2820, 39.0570



96.2301, -20.8813, 17.5118



91.4210, -11.7961, 41.2603



44.2733, -10.7017, 8.8968

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



89.4661, -50.2820, 39.0570



88.1653, -56.1640, 42.9958



89.3564, -49.1249, 26.6010



45.0542, -7.4315, 6.3866



61.3412, -51.5248, 36.8961



19.2363, -15.6708, 11.5790



# Inverse Universe

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



65.2333, 54.5101, -44.8374



60.2282, 65.4922, -54.8751



65.8734, 52.4948, -15.1503



42.6078, 2.9784, -1.8715



33.9314, 69.2265, -64.2592

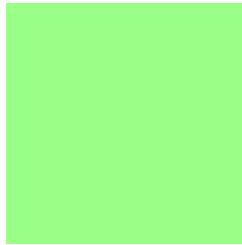


10.7556, 21.8344, -19.5233



# Previews

## White Background



This preview shows how the HunterLab color 89.4660, -50.2825, 39.0578 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 89.4660, -50.2825, 39.0578 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

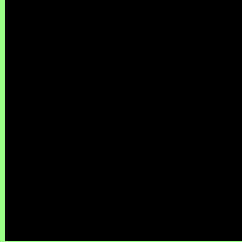
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

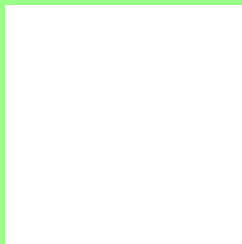
Any Text WCAG AAA ✓ Pass

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

## HunterLab 89.4660, -50.2825, 39.0578 Background



This preview shows how black text looks on a background with the HunterLab color 89.4660, -50.2825, 39.0578.



This preview shows how white text looks on a background with the HunterLab color 89.4660, -50.2825, 39.0578.

-50.2825, 39.0578.

# 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

89.4660, -50.2825, 39.0578

### Protanopia

88.8722, -9.7678, 41.4232

### Deuteranopia

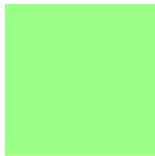
88.8598, 0.7602, 21.1051



## Tritanopia

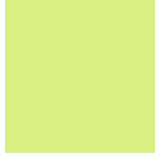
89.1728, -17.1120, -8.2554

# Trichromacy



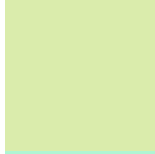
## Original Color

89.4660, -50.2825, 39.0578



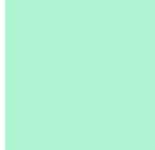
## Protanomaly

88.3571, -26.4541, 40.0456



## Deuteranomaly

88.2468, -20.2125, 27.8006



## Tritanomaly

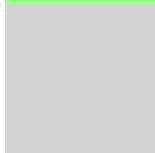
88.9505, -31.0663, 13.1888

# Monochromacy



## Original Color

89.4660, -50.2825, 39.0578



## Achromatopsia

80.7097, -4.3065, 4.3851



## Achromatomaly

83.2492, -22.9292, 18.9900

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 89.4660, -50.2825, 39.0578 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 135) }
```

## Border

The CSS property to change the border of an element to HunterLab 89.4660, -50.2825, 39.0578 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, 135) }
```



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

```
.border{ border-color:rgb(153, 255, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 135);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
135) }
```

# Background

The CSS property to change the background color of an element to HunterLab 89.4660, -50.2825, 39.0578 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, 135) }
```

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

```
.background{ background-color: rgb(153,  
255, 135) }
```

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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