

# Converting Colors

HunterLab(86.1186, -40.0724,  
31.1595)

Have a look what the booklet for  
HunterLab(86.1186, -40.0724,  
31.1595) contains.

<b>HunterLab(85.9477, -39.9505, 30.8691)</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(85.9477,  
-39.9505, 30.8691)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5F29B
RGB	165, 242, 155
RGB Percent	65%, 95%, 61%
CMY	0.3529, 0.0510, 0.3921
CMYK	0.32, 0.00, 0.36, 0.05
HSL	113°, 77%, 78%
HSV	113°, 36%, 95%
XYZ	53.1855, 73.8701, 42.4655
YIQ	209.0590, -17.9650, -43.3810

# Conversions

## Conversions Part 2

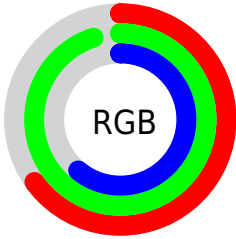
Format	Color
<b>RYB</b>	155, 242, 232
Decimal	10875547
CIELab	88.86, -39.97, 34.67
CIELCh	89, 52.909, 139.057
Yxy	73.8732, 0.3137, 0.4358
Android (android.graphics.Color)	4289065627 (0xFFA5F29B)
YUV	209.0590, -26.6511, -38.6397
Hunter-Lab	85.9477, -39.9505, 30.8691

# Details

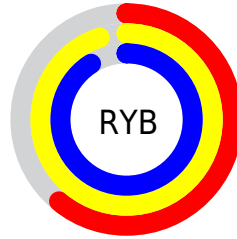
The HunterLab color  $85.9477, -39.9505, 30.8691$  is a light color, and the websafe version is hex  $99FF99$ . A complement of this color would be  $68.5649, 38.8961, -29.7139$ , and the grayscale version is  $79.9929, -4.2682, 4.3462$ .

A 20% lighter version of the original color is  $95.7615, -23.0905, 20.8528$ , and  $62.4437, -34.3031, 25.6931$  is the 20% darker color. If you saturate the color by 10%, you get  $84.2806, -47.3862, 36.0475$ , and if you desaturate by 10%, it is  $87.8987, -31.4445, 24.7726$ .

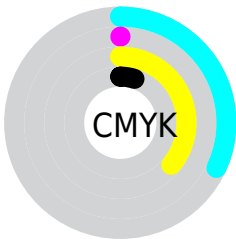
# Distribution



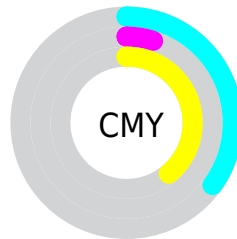
- Red (65%)
- Green (95%)
- Blue (61%)



- Red (61%)
- Yellow (95%)
- Blue (91%)



- Cyan (32%)
- Magenta (0%)
- Yellow (36%)
- Black (5%)




- Cyan (35%)
- Magenta (5%)
- Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.9477, -39.9505, 30.8691 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 85.9477, -39.9505, 30.8691 by changing the saturation by 10% instead.





 85.9477, -39.9505,  
30.8691


 85.9477, -39.9505,  
30.8691


217.7236,  
-61.8888, 51.0302

 73.9529, -37.2614,  
28.4056


 111.6763,  
-45.1167, 35.6031

 62.5730, -34.4758,  
25.8553


 125.3574,  
-47.6151, 37.8950

 51.8453, -31.5711,  
23.1974


139.5555,  
-50.0696, 40.1483

 41.8123, -28.5134,  
20.4025

154.2526,  
-52.4872, 42.3697

 32.5257, -25.2536,  
17.4307

169.4322,  
-54.8736, 44.5645

 24.0513, -21.7163,  
14.2279


185.0794,

 16.4760, -17.7772,


-57.2334, 46.7371


11.5332


201.1807,  
-59.5707, 48.8913


 9.9227, -17.3648,  
6.9459


0.0000, NaN, NaN


 85.9477, -39.9505,  
30.8691


 85.9477, -39.9505,  
30.8691


 84.2806, -47.3862,  
36.0475


 87.8987, -31.4445,  
24.7726


 82.8913, -53.6784,  
40.2666

 90.1248, -21.9522,  
17.8148

 81.7767, -58.7890,  
43.5155

 92.6214, -11.5770,  
10.0696

 80.9264, -62.7147,  
45.8162

 95.3795, -0.4261,  
1.6174

■ 80.3239, -65.4955,  
47.2315

■ 95.9099, 1.6007,  
0.6423

■ 79.9453, -67.2232,  
47.8764

■ 79.8445, -67.6805,  
48.0149

# Harmonies

## Analogous

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



85.9495, -20.6799, 39.1601



85.9477, -39.9505, 30.8691



85.9495, -49.3108, 13.4213

# Triad

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



85.9495, -39.9521, 30.8699



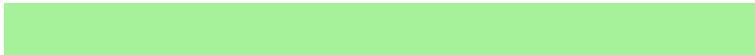
85.9495, -14.0969, -58.2066



85.9495, 49.3636, 19.1125

# Complementary

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



85.9477, -39.9505, 30.8691



68.5649, 38.8961, -29.7139

# 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.



85.9495, 51.6860, -5.0917



85.9477, -39.9505, 30.8691



85.9495, 12.7767, -55.2745

# Square

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



85.9495, -39.9521, 30.8699



85.9495, -35.6393, -40.8508



85.9495, 37.6112, -33.7562

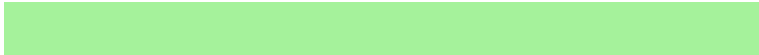


85.9495, 31.6061, 33.9400



# Rectangle

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



85.9477, -39.9505, 30.8691



85.9495, -49.5398, -3.3488



85.9495, 37.6112, -33.7562



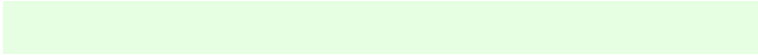
85.9495, 52.0500, 11.9991

# Sweetspot

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



85.9495, -39.9521, 30.8699



96.9098, -17.9891, 14.9607



88.8122, -12.0142, 33.8125



44.6696, -9.0112, 7.4349

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

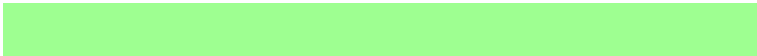


# Same Dimension

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



85.9495, -39.9521, 30.8699



89.9107, -48.1742, 36.8008



86.0942, -37.9039, 19.4850



42.1228, -7.0380, 5.9162



58.5453, -49.4980, 35.2088



16.9695, -13.9213, 10.2128



# Inverse Universe

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



68.5649, 38.8961, -29.7139



68.2099, 50.6910, -39.3177



68.4894, 36.0158, -9.1917



39.9172, 2.8779, -1.6752



33.4333, 67.5562, -58.2447

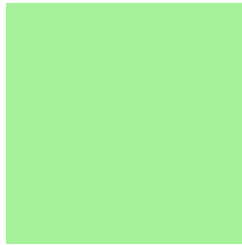


9.7766, 19.6732, -16.3985



# Previews

## White Background



This preview shows how the HunterLab color 85.9477, -39.9505, 30.8691 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 85.9477, -39.9505, 30.8691 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

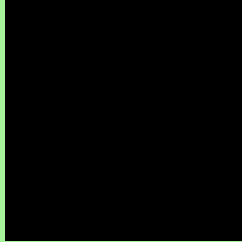
Any Text WCAG AA ✓ Pass

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 85.9477, -39.9505, 30.8691 Background



This preview shows how black text looks on a background with the HunterLab color 85.9477, -39.9505, 30.8691.



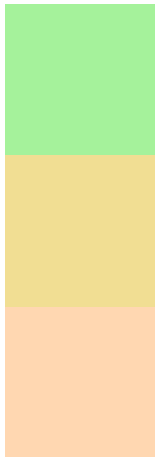
This preview shows how white text looks on a background with the HunterLab color 85.9477,

-39.9505, 30.8691.

# 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

85.9477, -39.9505, 30.8691

### Protanopia

85.4692, -8.2582, 33.3724

### Deuteranopia

85.4606, 3.9123, 23.8716



## Tritanopia

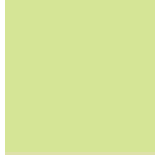
85.9863, -15.6120, -9.0862

# Trichromacy



## Original Color

85.9477, -39.9505, 30.8691



## Protanomaly

85.0804, -20.9854, 31.9512



## Deuteranomaly

84.9968, -13.8966, 25.9478



## Tritanomaly

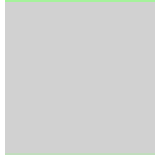
85.7631, -25.4592, 7.9560

# Monochromacy



## Original Color

85.9477, -39.9505, 30.8691



## Achromatopsia

79.8497, -4.2606, 4.3384



## Achromatomaly

81.6851, -18.3167, 15.0685

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.9477, -39.9505, 30.8691 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, 242, 155)` looks like.

```
.text, #text, p{  
    color:rgb(165, 242, 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(165, 242, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 242, 155) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.9477, -39.9505, 30.8691 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, 242, 155) }
```



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

```
.border{ border-color:rgb(165, 242, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 242, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 242, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 242, 155);  
box-shadow:4px 4px 4px 4px rgb(165, 242,  
155) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.9477, -39.9505, 30.8691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 242, 155) }
```

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

```
.background{ background-color: rgb(165,  
242, 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](#).

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