

# Converting Colors

HunterLab(82.9059, -39.5298,  
13.6859)

Have a look what the booklet for  
HunterLab(82.9059, -39.5298,  
13.6859) contains.

<b>HunterLab(82.8443, -39.5314, 13.8287)</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(82.8443,  
-39.5314, 13.8287)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82ECC2
RGB	130, 236, 194
RGB Percent	51%, 93%, 76%
CMY	0.4902, 0.0745, 0.2392
CMYK	0.45, 0.00, 0.18, 0.07
HSL	156°, 74%, 72%
HSV	156°, 45%, 93%
XYZ	48.9390, 68.6318, 61.7068
YIQ	199.5180, -49.6940, -35.5340

# Conversions

## Conversions Part 2

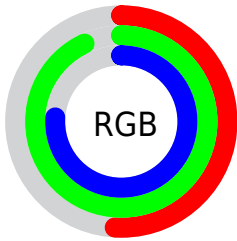
Format	Color
<a href="#">RYB</a>	<a href="#">130, 196, 236</a>
Decimal	<a href="#">8580290</a>
CIELab	<a href="#">86.32, -40.29, 10.91</a>
CIELCh	<a href="#">86, 41.740, 164.850</a>
Yxy	<a href="#">68.6346, 0.2730, 0.3828</a>
Android (android.graphics.Color)	<a href="#">4286770370 (0xFF82ECC2)</a>
YUV	<a href="#">199.5180, -2.7204, -60.9673</a>
Hunter-Lab	<a href="#">82.8443, -39.5314, 13.8287</a>

# Details

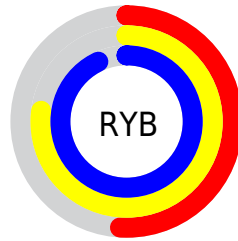
The HunterLab color **82.8443, -39.5314, 13.8287** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.6452, 41.1072, -0.0713**, and the grayscale version is **75.8213, -4.0456, 4.1195**.

A 20% lighter version of the original color is **94.4333, -25.5487, 0.4401**, and **59.9280, -34.2003, 11.7818** is the 20% darker color. If you saturate the color by 10%, you get **81.5906, -44.9723, 16.2752**, and if you desaturate by 10%, it is **84.3524, -33.1991, 11.5280**.

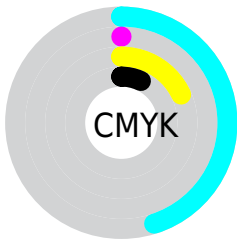
# Distribution



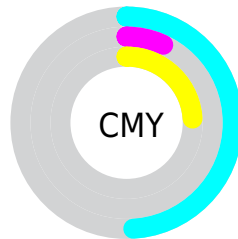
- Red (51%)
- Green (93%)
- Blue (76%)



- Red (51%)
- Yellow (77%)
- Blue (93%)



- Cyan (45%)
- Magenta (0%)
- Yellow (18%)
- Black (7%)




- Cyan (49%)
- Magenta (7%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.8443, -39.5314, 13.8287 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 82.8443, -39.5314, 13.8287 by changing the saturation by 10% instead.





 82.8443, -39.5314,  
13.8287


 82.8443, -39.5314,  
13.8287


213.4809,  
-61.6859, 24.7791


 71.0029, -36.8014,  
12.6575


 108.2864,  
-44.7631, 16.1902

 59.7851, -33.9689,  
11.4865


 121.8330,  
-47.2892, 17.3828

 49.2295, -31.0081,  
10.3120


 135.9016,  
-49.7688, 18.5855

 39.3807, -27.8818,  
9.1268

150.4736,  
-52.2092, 19.7994

 30.2935, -24.5349,  
7.9200

165.5321,  
-54.6165, 21.0252

 22.0381, -20.8816,  
6.6738

181.0619,

 14.7087, -16.8328,

-56.9957, 22.2634

5.3564

197.0491,  
-59.3510, 23.5146

■ 8.3664, -14.6412,  
5.8565

0.0000, NaN, NaN

■ 82.8443, -39.5314,  
13.8287

■ 82.8443, -39.5314,  
13.8287

■ 81.5906, -44.9723,  
16.2752

■ 84.3524, -33.1991,  
11.5280

■ 80.5793, -49.4952,  
18.8308

■ 86.1125, -26.0190,  
9.3989

■ 79.8001, -53.1060,  
21.4575

■ 88.1253, -18.0557,  
7.4648

■ 79.2350, -55.8447,  
24.1129

■ 90.3870, -9.3841,  
5.7421

■ 78.8580, -57.7944,  
26.7504

■ 92.8909, -0.0849,  
4.2409

■ 78.7154, -58.5742,  
28.0575

■ 93.8949, 3.9459,  
0.7590

■ 94.0603, 4.8356,  
-1.5909

# Harmonies

## Analogous

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



82.8460, -30.7322, 27.1605



82.8443, -39.5314, 13.8287



82.8460, -39.5769, -5.8217

# Triad

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



82.8460, -39.5324, 13.8296



82.8460, 6.0529, -41.2152



82.8460, 25.8071, 27.0633

# Complementary

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



82.8443, -39.5314, 13.8287



60.6452, 41.1072, -0.0713

# 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.



82.8460, 37.7843, 13.6608



82.8443, -39.5314, 13.8287



82.8460, 25.6393, -27.1699

# Square

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



82.8460, -39.5324, 13.8296



82.8460, -14.5982, -41.1377



82.8460, 37.7200, -6.0374



82.8460, 6.2643, 33.4206



# Rectangle

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



82.8443, -39.5314, 13.8287



82.8460, -34.6960, -20.2479



82.8460, 37.7200, -6.0374



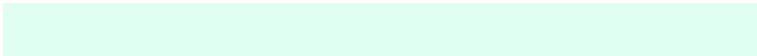
82.8460, 30.9331, 23.4014

# Sweetspot

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



82.8460, -39.5324, 13.8296



96.6585, -18.0086, 7.7826



83.9175, -38.1017, 36.1206



44.4771, -9.2702, 3.8038

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



82.8460, -39.5324, 13.8296



89.1702, -48.7260, 17.5820



80.5429, -27.0770, -9.2631



41.2492, -6.1926, 3.0009



58.4627, -43.3486, 20.5040



16.4400, -11.7934, 4.9101



# Inverse Universe

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



60.6452, 41.1072, -0.0713



60.8489, 55.0606, 0.4962



61.9502, 30.1493, 18.4880



38.9268, 2.0950, 1.4595



32.0847, 56.3937, 9.5103

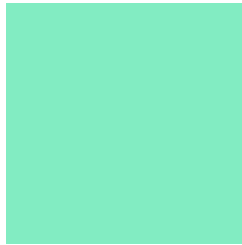


9.0930, 16.1765, 1.1906



# Previews

## White Background



This preview shows how the HunterLab color 82.8443, -39.5314, 13.8287 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

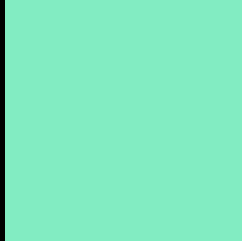
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 82.8443, -39.5314, 13.8287 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

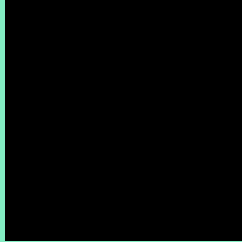
Any Text WCAG AA ✓ Pass

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 82.8443, -39.5314, 13.8287 Background



This preview shows how black text looks on a background with the HunterLab color 82.8443, -39.5314, 13.8287.



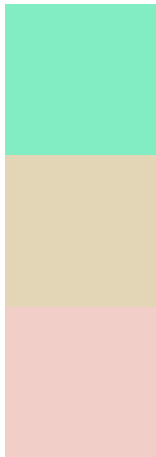
This preview shows how white text looks on a background with the HunterLab color 82.8443, -39.5314, 13.8287.

-39.5314, 13.8287.

# 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

82.8443, -39.5314, 13.8287

### Protanopia

82.2683, -5.1984, 18.3156

### Deuteranopia

82.1563, 6.1719, 11.2976



## Tritanopia

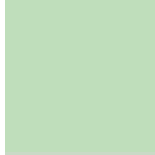
82.8754, -23.7507, -12.3015

# Trichromacy



## Original Color

82.8443, -39.5314, 13.8287



## Protanomaly

81.7966, -19.6797, 15.9804



## Deuteranomaly

81.6318, -13.0741, 11.2684



## Tritanomaly

82.9480, -30.0130, -1.8777

# Monochromacy



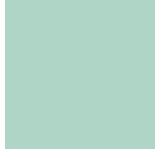
## Original Color

82.8443, -39.5314, 13.8287



## Achromatopsia

75.9987, -4.0551, 4.1292



## Achromatomaly

77.9613, -18.1369, 7.0911

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.8443, -39.5314, 13.8287 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(130, 236, 194)` looks like.

```
.text, #text, p{  
    color:rgb(130, 236, 194)  
}
```

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(130, 236, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 236, 194) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.8443, -39.5314, 13.8287 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(130, 236, 194) }
```



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

```
.border{ border-color:rgb(130, 236, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 236, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 236, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 236, 194);  
box-shadow:4px 4px 4px 4px rgb(130, 236,  
194) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.8443, -39.5314, 13.8287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 236, 194) }
```

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

```
.background{ background-color: rgb(130,  
236, 194) }
```

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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