

# Converting Colors

HunterLab(80.6785, -39.4102,  
16.7491)

Have a look what the booklet for  
HunterLab(80.6785, -39.4102,  
16.7491) contains.

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# Color

**HunterLab(80.7187,  
-39.6013, 16.9346)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81E7B5
RGB	129, 231, 181
RGB Percent	51%, 91%, 71%
CMY	0.4941, 0.0941, 0.2902
CMYK	0.44, 0.00, 0.22, 0.09
HSL	151°, 68%, 71%
HSV	151°, 44%, 91%
XYZ	45.9696, 65.1551, 53.8694
YIQ	194.8020, -44.7420, -37.1740

# Conversions

## Conversions Part 2

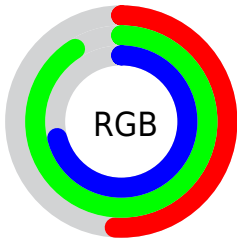
Format	Color
<a href="#">RYB</a>	<a href="#">129, 197, 231</a>
Decimal	<a href="#">8513461</a>
CIELab	<a href="#">84.56, -40.99, 15.20</a>
CIELCh	<a href="#">85, 43.717, 159.648</a>
Yxy	<a href="#">65.1577, 0.2786, 0.3949</a>
Android (android.graphics.Color)	<a href="#">4286703541</a> ( <a href="#">0xFF81E7B5</a> )
YUV	<a href="#">194.8020, -6.8044, -57.7084</a>
Hunter-Lab	<a href="#">80.7187, -39.6013, 16.9346</a>

# Details

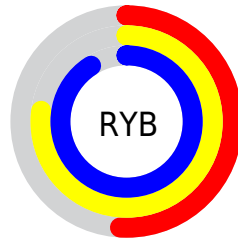
The HunterLab color  $80.7187, -39.6013, 16.9346$  is a light color, and the websafe version is hex  $99FFCC$ . A complement of this color would be  $59.9546, 40.7981, -4.5194$ , and the grayscale version is  $73.8322, -3.9395, 4.0114$ .

A 20% lighter version of the original color is  $93.8475, -28.6270, 6.7094$ , and  $57.9622, -33.9947, 14.2310$  is the 20% darker color. If you saturate the color by 10%, you get  $79.4370, -45.2347, 19.8910$ , and if you desaturate by 10%, it is  $82.2555, -33.0659, 14.0241$ .

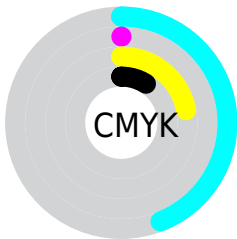
# Distribution



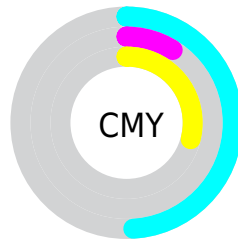
- Red (51%)
- Green (91%)
- Blue (71%)



- Red (51%)
- Yellow (77%)
- Blue (91%)



- Cyan (44%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)




- Cyan (49%)
- Magenta (9%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.7187, -39.6013, 16.9346 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 80.7187, -39.6013, 16.9346 by changing the saturation by 10% instead.





 80.7187, -39.6013,  
16.9346


 80.7187, -39.6013,  
16.9346


210.5608,  
-62.1000, 29.4725


 68.9848, -36.8157,  
15.5386


 105.9607,  
-44.9294, 19.7066

 57.8805, -33.9205,  
14.1265


 119.4134,  
-47.4979, 21.0888

 47.4457, -30.8880,  
12.6906


 133.3916,  
-50.0170, 22.4726

 37.7264, -27.6775,  
11.2182

147.8764,  
-52.4944, 23.8599

 28.7798, -24.2286,  
9.6905

162.8505,  
-54.9365, 25.2524

 20.6795, -20.4459,  
8.0766

178.2985,

 13.5254, -16.6485,

-57.3487, 26.6513

6.4313

194.2063,  
-59.7353, 28.0577

■ 7.1089, -12.4406,  
4.9762

0.0000, NaN, NaN

■ 80.7187, -39.6013,  
16.9346

■ 80.7187, -39.6013,  
16.9346

■ 79.4370, -45.2347,  
19.8910

■ 82.2555, -33.0659,  
14.0241

■ 78.3996, -49.9321,  
22.8512


■ 84.0443, -25.6787,  
11.1926

■ 77.5971, -53.6925,  
25.7742


■ 86.0849, -17.5107,  
8.4717


■ 77.0126, -56.5488,  
28.6167

■ 88.3726, -8.6418,  
5.8866

 76.6215, -58.5775,  
31.3346

 90.9002, 0.8432,  
3.4566

 76.4569, -59.4805,  
32.8368

 92.3311, 6.4354,  
-0.5157

 92.5387, 7.5460,  
-3.4616

# Harmonies

## Analogous

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



80.7203, -29.0850, 29.2329



80.7187, -39.6013, 16.9346



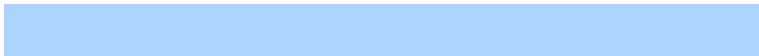
80.7203, -41.2338, -2.4951

# Triad

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



80.7203, -39.6024, 16.9355



80.7203, 2.7509, -44.9243



80.7203, 30.1348, 25.7149

# Complementary

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



80.7187, -39.6013, 16.9346



59.9546, 40.7981, -4.5194

# 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.



80.7203, 40.7341, 10.7244



80.7187, -39.6013, 16.9346



80.7203, 23.8650, -32.2293

# Square

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



80.7203, -39.6024, 16.9355



80.7203, -18.2226, -41.9862



80.7203, 38.3265, -10.5520



80.7203, 10.6108, 33.3018



# Rectangle

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



80.7187, -39.6013, 16.9346



80.7203, -37.2580, -17.6370



80.7203, 38.3265, -10.5520



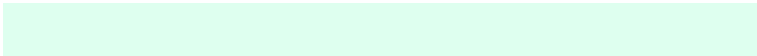
80.7203, 34.9479, 21.5610

# Sweetspot

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



80.7203, -39.6024, 16.9355



96.5625, -18.5474, 9.1550



82.7302, -33.9567, 35.4986



44.4256, -9.5606, 4.5407

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

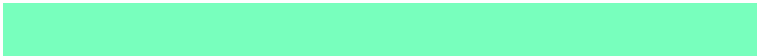


# Same Dimension

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



80.7203, -39.6024, 16.9355



88.9750, -50.0950, 21.9627



82.2139, -30.8541, -4.4038



40.2631, -6.2018, 3.3444



57.2673, -44.3983, 24.2639



15.6276, -11.6970, 5.7173



# Inverse Universe

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



59.9546, 40.7981, -4.5194



61.8113, 55.8936, -5.5475



58.5455, 34.0436, 15.6377



38.0594, 2.1988, 0.9958



31.9697, 56.9271, 3.7737

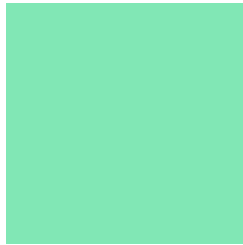


8.7977, 15.8641, -0.4995



# Previews

## White Background



This preview shows how the HunterLab color 80.7187, -39.6013, 16.9346 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

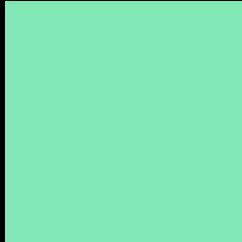
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.7187, -39.6013, 16.9346 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

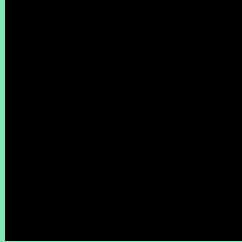
Any Text WCAG AA ✓ Pass

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 80.7187, -39.6013, 16.9346 Background



This preview shows how black text looks on a background with the HunterLab color 80.7187, -39.6013, 16.9346.



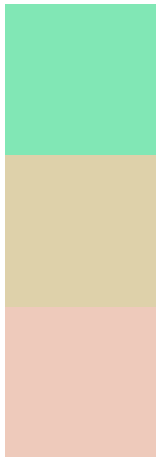
This preview shows how white text looks on a background with the HunterLab color 80.7187,

-39.6013, 16.9346.

# 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

80.7187, -39.6013, 16.9346

### Protanopia

80.0205, -5.7928, 21.0289

### Deuteranopia

80.0038, 5.7988, 14.5581



## Tritanopia

80.6570, -22.1605, -11.8609

# Trichromacy



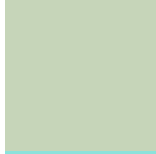
## Original Color

80.7187, -39.6013, 16.9346



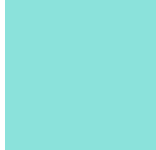
## Protanomaly

79.6072, -20.0426, 18.8784



## Deuteranomaly

79.4337, -13.5278, 14.4504



## Tritanomaly

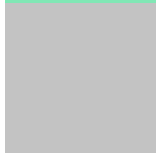
80.6202, -28.9862, -0.1162

# Monochromacy



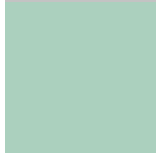
## Original Color

80.7187, -39.6013, 16.9346



## Achromatopsia

73.8732, -3.9417, 4.0137



## Achromatomaly

75.8204, -18.1641, 8.3079

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.7187, -39.6013, 16.9346 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(129, 231, 181)` looks like.

```
.text, #text, p{  
    color:rgb(129, 231, 181)  
}
```

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(129, 231, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 231, 181) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.7187, -39.6013, 16.9346 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(129, 231, 181) }
```



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

```
.border{ border-color:rgb(129, 231, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 231, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 231, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 231, 181);  
box-shadow:4px 4px 4px 4px rgb(129, 231,  
181) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.7187, -39.6013, 16.9346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 231, 181) }
```

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

```
.background{ background-color: rgb(129,  
231, 181) }
```

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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