

# Converting Colors

HunterLab(80.7393, -40.1980,  
22.5339)

Have a look what the booklet for  
HunterLab(80.7393, -40.1980,  
22.5339) contains.

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# Color

**HunterLab(80.7610,  
-40.1578, 22.5763)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 89E7A6                       |
| RGB         | 137, 231, 166                |
| RGB Percent | 54%, 91%, 65%                |
| CMY         | 0.4627, 0.0941, 0.3490       |
| CMYK        | 0.41, 0.00, 0.28, 0.09       |
| HSL         | 139°, 66%, 72%               |
| HSV         | 139°, 41%, 91%               |
| XYZ         | 45.7754, 65.2234, 46.2532    |
| YIQ         | 195.4840, -35.1590, -40.1430 |

# Conversions

## Conversions Part 2

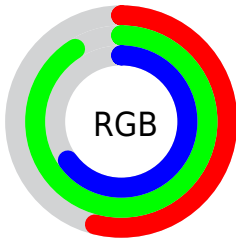
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 137, 209, 231                   |
| Decimal                             | 9037734                         |
| CIELab                              | 84.60, -41.69, 23.10            |
| CIELCh                              | 85, 47.665, 151.010             |
| Yxy                                 | 65.2261, 0.2911,<br>0.4148      |
| Android<br>(android.graphics.Color) | 4287227814<br>(0xFF89E7A6)      |
| YUV                                 | 195.4840, -14.5356,<br>-51.2905 |
| Hunter-Lab                          | 80.7610, -40.1578,<br>22.5763   |

# Details

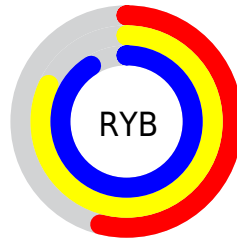
The HunterLab color  $80.7610, -40.1578, 22.5763$  is a light color, and the websafe version is hex  $99FFCC$ . A complement of this color would be  $62.5667, 40.4695, -13.6912$ , and the grayscale version is  $74.1504, -3.9565, 4.0287$ .

A 20% lighter version of the original color is  $93.9201, -29.3082, 14.1762$ , and  $57.9864, -34.4903, 18.8496$  is the 20% darker color. If you saturate the color by 10%, you get  $79.3272, -46.5405, 26.4914$ , and if you desaturate by 10%, it is  $82.4711, -32.7806, 18.4373$ .

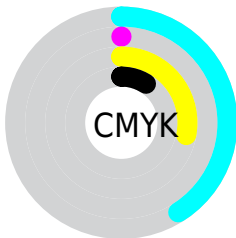
# Distribution



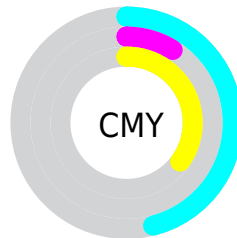
- Red (54%)
- Green (91%)
- Blue (65%)



- Red (54%)
- Yellow (82%)
- Blue (91%)



- Cyan (41%)
- Magenta (0%)
- Yellow (28%)
- Black (9%)




- Cyan (46%)
- Magenta (9%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.7610, -40.1578, 22.5763 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 80.7610, -40.1578, 22.5763 by changing the saturation by 10% instead.




 80.7610, -40.1578,  
22.5763


 80.7610, -40.1578,  
22.5763


210.6191,  
-62.9380, 38.1709


 69.0249, -37.3328,  
20.7475


 106.0070,  
-45.5586, 26.1394

 57.9184, -34.3952,  
18.8716


 119.4616,  
-48.1607, 27.8870

 47.4811, -31.3171,  
16.9339


 133.4417,  
-50.7118, 29.6194

 37.7592, -28.0568,  
14.9126

147.9282,  
-53.2200, 31.3407

 28.8098, -24.5526,  
12.7759

162.9040,  
-55.6917, 33.0540

 20.7064, -20.7077,  
10.4744

178.3536,

 13.5487, -16.8795,

-58.1324, 34.7622

8.8504

194.2630,  
-60.5466, 36.4672

■ 7.1362, -12.4884,  
4.9954

0.0000, NaN, NaN

■ 80.7610, -40.1578,  
22.5763

■ 80.7610, -40.1578,  
22.5763

■ 79.3272, -46.5405,  
26.4914

■ 82.4711, -32.7806,  
18.4373

■ 78.1608, -51.8741,  
30.1301


■ 84.4520, -24.4796,  
14.1236

■ 77.2544, -56.1398,  
33.4476


■ 86.7010, -15.3461,  
9.6860

■ 76.5928, -59.3554,  
36.4048

■ 89.2111, -5.4784,  
5.1716

 76.1533, -61.5850,  
38.9707

 91.9728, 5.0234,  
0.6219

 75.9030, -62.9310,  
40.9778

 92.5388, 7.5458,  
-3.4615

# Harmonies

## Analogous

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



80.7627, -26.2991, 33.2406



80.7610, -40.1578, 22.5763



80.7627, -44.7085, 3.6349

# Triad

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



80.7627, -40.1590, 22.5771



80.7627, -3.5157, -51.4710



80.7627, 38.1771, 23.5535

# Complementary

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



80.7610, -40.1578, 22.5763



62.5667, 40.4695, -13.6912

# 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.



80.7627, 46.0121, 5.1500



80.7610, -40.1578, 22.5763



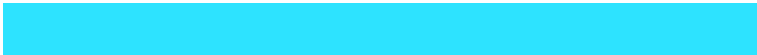
80.7627, 20.3085, -41.8026

# Square

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



80.7627, -40.1590, 22.5771



80.7627, -25.0672, -42.9636



80.7627, 39.1322, -19.3341



80.7627, 18.7733, 33.6806



# Rectangle

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



80.7610, -40.1578, 22.5763



80.7627, -42.3146, -12.5830



80.7627, 39.1322, -19.3341



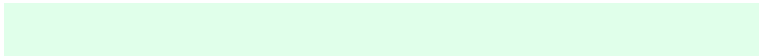
80.7627, 42.3444, 18.3385

# Sweetspot

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



80.7627, -40.1590, 22.5771



96.6243, -18.6196, 11.5224



84.6342, -26.4840, 35.1074



44.5446, -9.2509, 5.6344

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



80.7627, -40.1590, 22.5771



88.9490, -51.1135, 29.0267



81.9979, -32.9033, 4.8152



40.2020, -6.5430, 4.2185



56.8477, -47.0106, 30.4276



15.5057, -12.4530, 7.5017



# Inverse Universe

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



62.5667, 40.4695, -13.6912



64.9768, 55.7407, -18.5456



61.0533, 33.1608, 7.7424



38.1255, 2.5532, 0.0557



33.1136, 61.0593, -12.3327

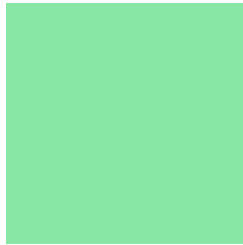


9.0925, 16.9233, -4.6052



# Previews

## White Background



This preview shows how the HunterLab color 80.7610, -40.1578, 22.5763 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

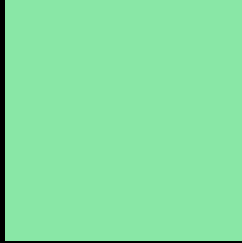
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.7610, -40.1578, 22.5763 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

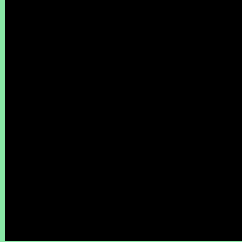
Any Text WCAG AA ✓ Pass

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 80.7610, -40.1578, 22.5763 Background



This preview shows how black text looks on a background with the HunterLab color 80.7610, -40.1578, 22.5763.



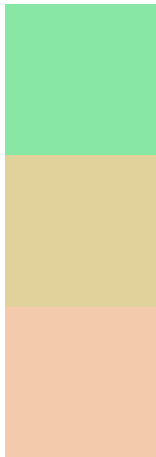
This preview shows how white text looks on a background with the HunterLab color 80.7610, -40.1578, 22.5763.

-40.1578, 22.5763.

# 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

80.7610, -40.1578, 22.5763

### Protanopia

80.3125, -6.9736, 26.1466

### Deuteranopia

80.1713, 5.5997, 20.6351



## Tritanopia

80.7755, -20.1743, -10.5199

# Trichromacy



## Original Color

80.7610, -40.1578, 22.5763



## Protanomaly

80.0115, -20.8685, 24.2928



## Deuteranomaly

79.5790, -13.7603, 20.4610



## Tritanomaly

80.5028, -28.1482, 3.2382

# Monochromacy



## Original Color

80.7610, -40.1578, 22.5763



## Achromatopsia

73.8732, -3.9417, 4.0137



## Achromatomaly

75.8756, -18.3006, 10.9989

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.7610, -40.1578, 22.5763 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(137, 231, 166)` looks like.

```
.text, #text, p{  
    color:rgb(137, 231, 166)  
}
```

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(137, 231, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 231, 166) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.7610, -40.1578, 22.5763 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(137, 231, 166) }
```



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

```
.border{ border-color:rgb(137, 231, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 231, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 231, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 231, 166);  
box-shadow:4px 4px 4px 4px rgb(137, 231,  
166) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.7610, -40.1578, 22.5763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 231, 166) }
```

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

```
.background{ background-color: rgb(137,  
231, 166) }
```

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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