

# Converting Colors

HunterLab(80.3578, -40.4627,  
33.0131)

Have a look what the booklet for  
HunterLab(80.3578, -40.4627,  
33.0131) contains.

<b>HunterLab(80.5057, -40.7634, 33.0796)</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(80.5057,  
-40.7634, 33.0796)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97E683
RGB	151, 230, 131
RGB Percent	59%, 90%, 51%
CMY	0.4078, 0.0980, 0.4863
CMYK	0.34, 0.00, 0.43, 0.10
HSL	108°, 66%, 71%
HSV	108°, 43%, 90%
XYZ	45.1561, 64.8117, 31.6026
YIQ	195.0930, -15.3050, -47.5370

# Conversions

## Conversions Part 2

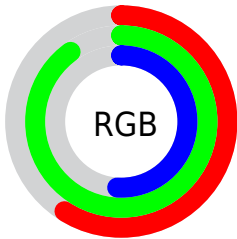
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">131, 230, 210</a>
Decimal	<a href="#">9954947</a>
CIELab	<a href="#">84.39, -42.55, 40.66</a>
CIELCh	<a href="#">84, 58.858, 136.303</a>
Yxy	<a href="#">64.8144, 0.3190, 0.4578</a>
Android (android.graphics.Color)	<a href="#">4288145027 (0xFF97E683)</a>
YUV	<a href="#">195.0930, -31.5978, -38.6696</a>
Hunter-Lab	<a href="#">80.5057, -40.7634, 33.0796</a>

# Details

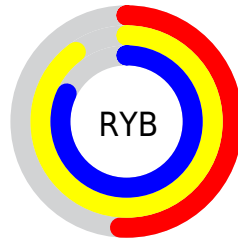
The HunterLab color  $80.5057, -40.7634, 33.0796$  is a light color, and the websafe version is hex  $99FF99$ . A complement of this color would be  $59.7071, 41.9445, -36.8178$ , and the grayscale version is  $74.0485, -3.9510, 4.0232$ .

A 20% lighter version of the original color is  $94.0387, -30.6919, 28.4702$ , and  $57.7264, -34.9378, 27.3616$  is the 20% darker color. If you saturate the color by 10%, you get  $79.1434, -46.8820, 37.3182$ , and if you desaturate by 10%, it is  $82.0999, -33.7272, 27.9200$ .

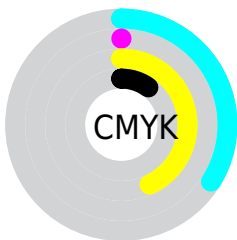
# Distribution



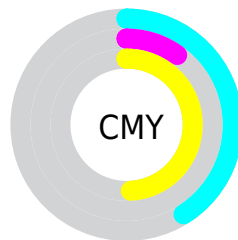
- Red (59%)
- Green (90%)
- Blue (51%)



- Red (51%)
- Yellow (90%)
- Blue (82%)



- Cyan (34%)
- Magenta (0%)
- Yellow (43%)
- Black (10%)




- Cyan (41%)
- Magenta (10%)
- Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.5057, -40.7634, 33.0796 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 80.5057, -40.7634, 33.0796 by changing the saturation by 10% instead.





 80.5057, -40.7634,  
33.0796


 80.5057, -40.7634,  
33.0796


210.2677,  
-63.8989, 55.8987


 68.7827, -37.8876,  
30.2211


 105.7275,  
-46.2572, 38.5227

 57.6899, -34.8950,  
27.2425


 119.1707,  
-48.9019, 41.1366

 47.2673, -31.7568,  
24.1157


 133.1399,  
-51.4935, 43.6944

 37.5612, -28.4299,  
20.8034

147.6158,  
-54.0404, 46.2047

 28.6289, -24.8507,  
17.2581

162.5814,  
-56.5492, 48.6747

 20.5443, -20.9188,  
14.1012

178.0212,

 13.4081, -17.1389,

-59.0256, 51.1106

9.3857

193.9209,  
-61.4742, 53.5171

■ 6.9698, -12.1972,  
4.8789

0.0000, NaN, NaN

■ 80.5057, -40.7634,  
33.0796

■ 80.5057, -40.7634,  
33.0796

■ 79.1434, -46.8820,  
37.3182

■ 82.0999, -33.7272,  
27.9200

■ 78.0059, -52.0374,  
40.6233


■ 83.9198, -25.8275,  
21.8703


■ 77.0892, -56.2141,  
43.0126


■ 85.9637, -17.1376,  
14.9805

■ 76.3838, -59.4240,  
44.5371

■ 88.2262, -7.7364,  
7.3116

 75.8752, -61.7139,  
45.2905

 90.6999, 2.2940,  
-1.0684

 75.6227, -62.8360,  
45.4983

 92.2368, 8.0893,  
-3.8365

# Harmonies

## Analogous

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



80.5074, -19.3566, 40.4691



80.5057, -40.7634, 33.0796



80.5074, -51.6109, 15.9531

# Triad

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



80.5074, -40.7650, 33.0802



80.5074, -17.0772, -66.0247



80.5074, 56.4839, 17.8906

# Complementary

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



80.5057, -40.7634, 33.0796



59.7071, 41.9445, -36.8178

# 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.



80.5074, 57.3237, -9.2104



80.5057, -40.7634, 33.0796



80.5074, 11.9515, -64.9233

# Square

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



80.5074, -40.7650, 33.0802



80.5074, -39.3005, -44.1497



80.5074, 40.0912, -41.5261



80.5074, 37.9373, 34.0642



# Rectangle

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



80.5057, -40.7634, 33.0796



80.5074, -52.5476, -1.6589



80.5074, 40.0912, -41.5261



80.5074, 58.9278, 9.9887

# Sweetspot

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



80.5074, -40.7650, 33.0802



96.6278, -19.2957, 16.8648



79.9031, -7.0825, 33.1780



44.4586, -9.9634, 8.6337

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



80.5074, -40.7650, 33.0802



89.0741, -52.2239, 41.6304



79.9543, -41.8646, 24.1931



40.2848, -6.4273, 5.7183



56.9352, -47.1244, 34.2582



15.6017, -12.2834, 9.3987



# Inverse Universe

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



59.7071, 41.9445, -36.8178



61.4547, 58.3700, -52.3853



61.0895, 43.3006, -15.8025



38.0270, 2.4316, -1.6969



30.0410, 62.2127, -64.0487



8.3920, 17.2196, -16.6550



# Previews

## White Background



This preview shows how the HunterLab color 80.5057, -40.7634, 33.0796 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 80.5057, -40.7634, 33.0796 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

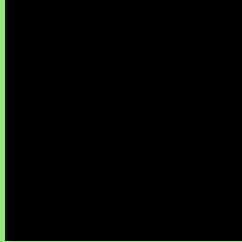
Any Text WCAG AA ✓ Pass

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 80.5057, -40.7634, 33.0796 Background



This preview shows how black text looks on a background with the HunterLab color 80.5057, -40.7634, 33.0796.



This preview shows how white text looks on a background with the HunterLab color 80.5057,

-40.7634, 33.0796.

# 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

80.5057, -40.7634, 33.0796

### Protanopia

80.2161, -8.5220, 35.4292

### Deuteranopia

79.8993, 6.2540, 31.5004



## Tritanopia

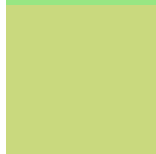
80.3592, -15.2842, -8.7407

# Trichromacy



## Original Color

80.5057, -40.7634, 33.0796



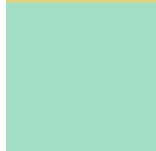
## Protanomaly

79.7180, -21.5794, 34.0635



## Deuteranomaly

79.2369, -13.2056, 31.4428



## Tritanomaly

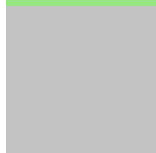
79.9720, -25.8950, 9.6626

# Monochromacy



## Original Color

80.5057, -40.7634, 33.0796



## Achromatopsia

73.8732, -3.9417, 4.0137



## Achromatomaly

75.9434, -18.6871, 15.9978

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.5057, -40.7634, 33.0796 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(151, 230, 131)` looks like.

```
.text, #text, p{  
    color:rgb(151, 230, 131)  
}
```

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(151, 230, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 230, 131) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.5057, -40.7634, 33.0796 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(151, 230, 131) }
```



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

```
.border{ border-color:rgb(151, 230, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 230, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 230, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 230, 131); box-shadow:4px 4px 4px 4px rgb(151, 230, 131) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.5057, -40.7634, 33.0796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 230, 131) }
```

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

```
.background{ background-color: rgb(151,  
230, 131) }
```

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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