

Converting Colors

HunterLab(78.3026, -49.7083,
39.3442)

Have a look what the booklet for
HunterLab(78.3026, -49.7083,
39.3442) contains.

HunterLab(78.4938, -49.8454, 39.4960)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(78.4938,
-49.8454, 39.4960)**

Conversions

Conversions Part 1

Format	Color
Hex	7BE65E
RGB	123, 230, 94
RGB Percent	48%, 90%, 37%
CMY	0.5176, 0.0980, 0.6314
CMYK	0.47, 0.00, 0.59, 0.10
HSL	107°, 73%, 64%
HSV	107°, 59%, 90%
XYZ	38.4856, 61.6128, 20.4537
YIQ	182.5030, -20.1160, -64.9800

Conversions

Conversions Part 2

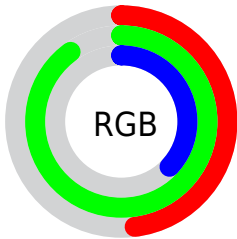
Format	Color
RYB	94, 230, 201
Decimal	8119902
CIELab	82.71, -55.56, 55.64
CIElCh	83, 78.630, 134.957
Yxy	61.6154, 0.3192, 0.5111
Android (android.graphics.Color)	4286309982 (0xFF7BE65E)
YUV	182.5030, -43.6320, -52.1841
Hunter-Lab	78.4938, -49.8454, 39.4960

Details

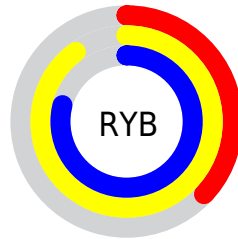
The HunterLab color $78.4938, -49.8454, 39.4960$ is a dark color, and the websafe version is hex $99FF66$. The color can be described as middle muted chartreuse. A complement of this color would be $51.1255, 58.4830, -54.2948$, and the grayscale version is $68.7898, -3.6705, 3.7375$.

A 20% lighter version of the original color is $91.4348, -42.1038, 37.4373$, and $56.0680, -42.4929, 31.8658$ is the 20% darker color. If you saturate the color by 10%, you get $77.4910, -54.4113, 42.2355$, and if you desaturate by 10%, it is $79.7194, -44.3242, 35.8290$.

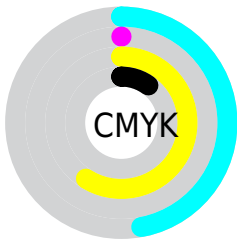
Distribution



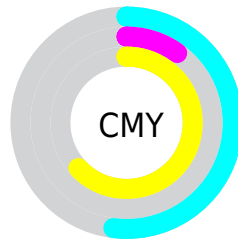
- Red (48%)
- Green (90%)
- Blue (37%)



- Red (37%)
- Yellow (90%)
- Blue (79%)



- Cyan (47%)
- Magenta (0%)
- Yellow (59%)
- Black (10%)





- Cyan (52%)
- Magenta (10%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 78.4938, -49.8454, 39.4960 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 78.4938, -49.8454, 39.4960 by changing the saturation by 10% instead.


 78.4938, -49.8454,
39.4960

 78.4938, -49.8454,
39.4960


207.4914,
-78.4017, 68.9343


 66.8745, -46.1907,
35.6953


 103.5227,
-56.7539, 46.6659


 55.8914, -42.3587,
31.7144


 116.8755,
-60.0486, 50.0759

 45.5857, -38.3062,
27.5212


 130.7578,
-63.2590, 53.3914

 36.0051, -33.9703,
23.0813

 145.1498,
-66.3971, 56.6253

 27.2094, -29.2586,
18.9320

160.0343,
-69.4729, 59.7881

 19.2762, -24.0283,
13.4934

175.3954,

 12.3120, -21.5460,

-72.4945, 62.8890

8.6184

191.2188,
-75.4688, 65.9355

■ 5.4758, -9.5826,
3.8331

0.0000, NaN, NaN

■ 78.4938, -49.8454,
39.4960

■ 78.4938, -49.8454,
39.4960

■ 77.4910, -54.4113,
42.2355

■ 79.7194, -44.3242,
35.8290

■ 76.6985, -58.0170,
44.0837


■ 81.1668, -37.8702,
31.2265


■ 76.1059, -60.6946,
45.1169


■ 82.8384, -30.5321,
25.7079


■ 75.6931, -62.5304,
45.5020

■ 84.7321, -22.3728,
19.3118

 75.6638, -62.6605,
45.5267

 86.8438, -13.4654,
12.0914

 89.1675, -3.8882,
4.1099

 91.6954, 6.2776,
-4.5609

 92.2367, 8.0894,
-3.8366

Harmonies

Analogous

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



78.4955, -22.3543, 46.3478



78.4938, -49.8454, 39.4960



78.4955, -63.5285, 20.4040

Triad

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



78.4955, -49.8468, 39.4965



78.4955, -22.4517, -98.3244



78.4955, 80.6359, 20.3248

Complementary

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



78.4938, -49.8454, 39.4960



51.1255, 58.4830, -54.2948

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.



78.4955, 80.5959, -16.2306



78.4938, -49.8454, 39.4960



78.4955, 15.7872, -98.3817

Square

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



78.4955, -49.8468, 39.4965



78.4955, -49.9062, -63.3195



78.4955, 55.0866, -63.4512



78.4955, 55.1872, 39.4626

Rectangle

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



78.4938, -49.8454, 39.4960



78.4955, -65.0395, -2.0417



78.4955, 55.0866, -63.4512



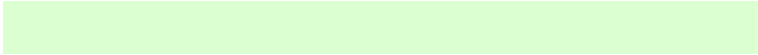
78.4955, 83.7415, 10.1026

Sweetspot

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



78.4955, -49.8468, 39.4965



95.4834, -24.1586, 20.9167



76.9351, -6.0214, 39.1400



43.8715, -12.4726, 10.7092

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



78.4955, -49.8468, 39.4965



86.8877, -62.1812, 48.0364



77.8825, -51.2268, 30.3283



40.2945, -6.3924, 5.7295



56.9678, -46.9860, 34.2807



15.6139, -12.2320, 9.4071

Inverse Universe

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



51.1255, 58.4830, -54.2948



51.7404, 78.2670, -75.1600



53.4904, 60.2082, -20.9216



38.0158, 2.3942, -1.7118



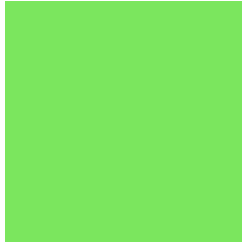
29.7463, 61.8147, -65.0658



8.3227, 17.1246, -16.8836

Previews

White Background



This preview shows how the HunterLab color 78.4938, -49.8454, 39.4960 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 78.4938, -49.8454, 39.4960 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

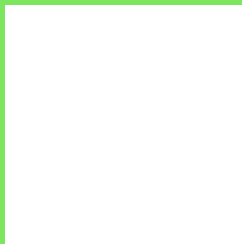
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 78.4938, -49.8454, 39.4960 Background



This preview shows how black text looks on a background with the HunterLab color 78.4938, -49.8454, 39.4960.



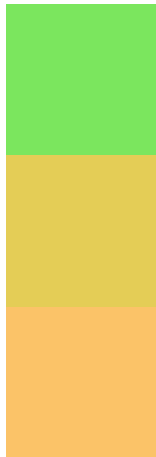
This preview shows how white text looks on a background with the HunterLab color 78.4938,

-49.8454, 39.4960.

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

78.4938, -49.8454, 39.4960

Protanopia

77.9926, -9.4519, 41.2003

Deuteranopia

77.8068, 5.6105, 38.0625



Tritanopia

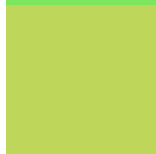
78.3483, -19.4169, -10.4005

Trichromacy



Original Color

78.4938, -49.8454, 39.4960



Protanomaly

77.3056, -26.5648, 39.9216



Deuteranomaly

76.7263, -18.5115, 37.6376



Tritanomaly

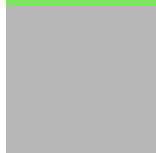
77.8882, -32.9119, 13.7297

Monochromacy



Original Color

78.4938, -49.8454, 39.4960



Achromatopsia

68.8136, -3.6717, 3.7388



Achromatomaly

71.4982, -22.9172, 19.3767

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.4938, -49.8454, 39.4960 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(123, 230, 94)` looks like.

```
.text, #text, p{  
    color:rgb(123, 230, 94)  
}
```

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(123, 230, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 230, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 78.4938, -49.8454, 39.4960 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(123, 230, 94) }
```


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

```
.border{ border-color:rgb(123, 230, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 230, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 230, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 230, 94);  
box-shadow:4px 4px 4px 4px rgb(123, 230,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.4938, -49.8454, 39.4960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 230, 94) }
```

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

```
.background{ background-color: rgb(123,  
230, 94) }
```

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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