

Converting Colors

HunterLab(79.4782, -39.8516,
46.7526)

Have a look what the booklet for
HunterLab(79.4782, -39.8516,
46.7526) contains.

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Color

**HunterLab(79.4304,
-39.7717, 46.7499)**

Conversions

Conversions Part 1

Format	Color
Hex	AAE228
RGB	170, 226, 40
RGB Percent	67%, 89%, 16%
CMY	0.3333, 0.1137, 0.8431
CMYK	0.25, 0.00, 0.82, 0.11
HSL	78°, 76%, 52%
HSV	78°, 82%, 89%
XYZ	44.1569, 63.0919, 11.8581
YIQ	188.0520, 26.3300, -69.7180

Conversions

Conversions Part 2

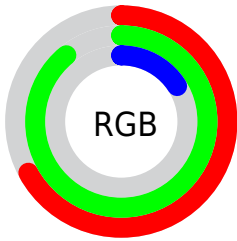
Format	Color
RYB	40, 226, 96
Decimal	11199016
CIELab	83.49, -41.59, 76.02
CIELCh	83, 86.659, 118.683
Yxy	63.0947, 0.3707, 0.5297
Android (android.graphics.Color)	4289389096 (0xFFAAE228)
YUV	188.0520, -72.9896, -15.8316
Hunter-Lab	79.4304, -39.7717, 46.7499

Details

The HunterLab color **79.4304, -39.7717, 46.7499** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **30.8175, 57.9325, -118.4313**, and the grayscale version is **71.2279, -3.8005, 3.8699**.

A 20% lighter version of the original color is **94.4338, -31.8635, 49.4091**, and **56.7399, -33.0515, 34.3843** is the 20% darker color. If you saturate the color by 10%, you get **78.8950, -42.0319, 47.4676**, and if you desaturate by 10%, it is **80.0464, -37.1216, 45.2332**.

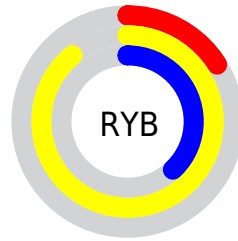
Distribution



Red (67%)

Green (89%)

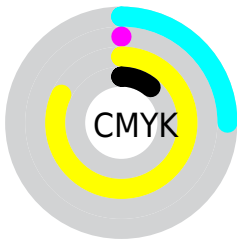
Blue (16%)



Red (16%)

Yellow (89%)

Blue (38%)

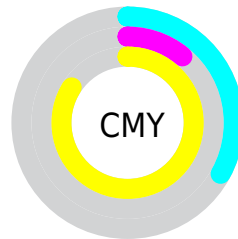


Cyan (25%)

Magenta (0%)

Yellow (82%)

Black (11%)



Cyan (33%)

Magenta (11%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.4304, -39.7717, 46.7499 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 79.4304, -39.7717, 46.7499 by changing the saturation by 10% instead.

■ 79.4304, -39.7717,
46.7499

■ 79.4304, -39.7717,
46.7499

208.7853,
-62.5568, 85.2603

■ 67.7627, -36.9420,
41.7233

■ 104.5496,
-45.1794, 56.2287

■ 56.7283, -33.9967,
36.4761

■ 117.9447,
-47.7829, 60.7224

■ 46.3678, -30.9073,
30.9962

■ 131.8675,
-50.3346, 65.0774

■ 36.7285, -27.6307,
25.7099

■ 146.2988,
-52.8428, 69.3096

■ 27.8688, -24.1026,
19.5081

■ 161.2212,
-55.3141, 73.4328

■ 19.8646, -20.2206,
13.9052

■ 176.6190,

■ 12.8196, -16.8042,

-57.7539, 77.4590

8.9737

192.4781,
-60.1669, 81.3985

■ 6.2178, -10.8811,
4.3524

0.0000, NaN, NaN

■ 79.4304, -39.7717,
46.7499

■ 79.4304, -39.7717,
46.7499

■ 78.8950, -42.0319,
47.4676

■ 80.0464, -37.1216,
45.2332

■ 78.5237, -43.5588,
47.6233

■ 80.7446, -34.0420,
42.8154

■ 81.5321, -30.5145,
39.4267

■ 82.4126, -26.5287,
35.0196

■ 83.3887, -22.0819,
29.5657

■ 84.4623, -17.1782,
23.0523

■ 85.6341, -11.8268,
15.4805

■ 86.9046, -6.0416,
6.8631

■ 88.2733, 0.1600,
-2.7774

Harmonies

Analogous

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



79.4322, -2.3559, 49.3850



79.4304, -39.7717, 46.7499



79.4322, -62.6810, 35.0399

Triad

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



79.4322, -39.7737, 46.7503



79.4322, -42.4025, -94.8453



79.4322, 95.0438, 2.5165

Complementary

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



79.4304, -39.7717, 46.7499



30.8175, 57.9325, -118.4313

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.



79.4322, 78.2932, -47.6064



79.4304, -39.7717, 46.7499



79.4322, -6.1118, -119.2178

Square

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



79.4322, -39.7737, 46.7503



79.4322, -63.9593, -42.7521



79.4322, 38.8946, -98.5362



79.4322, 80.8858, 33.3110

Rectangle

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



79.4304, -39.7717, 46.7499



79.4322, -69.5261, 18.1127



79.4322, 38.8946, -98.5362



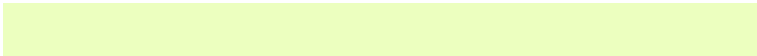
79.4322, 92.7871, -12.4891

Sweetspot

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



79.4322, -39.7737, 46.7503



96.4842, -21.3645, 28.7013



49.6525, 42.2193, 28.9365



44.4359, -10.8074, 14.5079

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.4322, -39.7737, 46.7503



90.0596, -49.8605, 54.5732



74.9234, -58.0746, 43.5615



39.7638, -4.7252, 6.0695



59.3631, -32.6831, 36.0071



15.7754, -8.0254, 9.5802

Inverse Universe

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



30.8175, 57.9325, -118.4313



29.8648, 74.8429, -168.1098



42.1942, 76.0252, -73.7782



36.6638, 0.7759, -2.2782



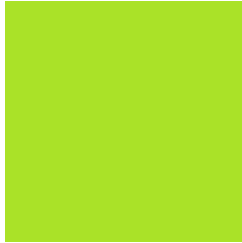
19.7205, 49.6565, -110.3916



5.6149, 13.4827, -26.3479

Previews

White Background



This preview shows how the HunterLab color 79.4304, -39.7717, 46.7499 looks on a white background.

Color Contrast Check

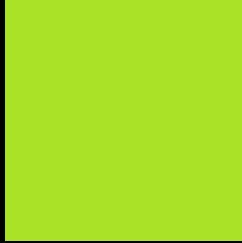
Large Text (above 18pt) WCAG AA × Fail

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 79.4304, -39.7717, 46.7499 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 79.4304, -39.7717, 46.7499 Background



This preview shows how black text looks on a background with the HunterLab color 79.4304, -39.7717, 46.7499.



This preview shows how white text looks on a background with the HunterLab color 79.4304,

-39.7717, 46.7499.

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

79.4304, -39.7717, 46.7499

Protanopia

79.0928, -10.9832, 47.3524

Deuteranopia

78.9959, 4.8412, 41.3331



Tritanopia

79.1116, -7.2479, -5.8434

Trichromacy



Original Color

79.4304, -39.7717, 46.7499

Protanomaly

79.0165, -22.5883, 46.9808

Deuteranomaly

78.3753, -13.1103, 43.4270

Tritanomaly

78.5380, -23.0243, 23.2296

Monochromacy



Original Color

79.4304, -39.7717, 46.7499

Achromatopsia

70.9145, -3.7838, 3.8529

Achromatomaly

73.3390, -20.0840, 26.6058

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.4304, -39.7717, 46.7499 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(170, 226, 40)` looks like.

```
.text, #text, p{  
    color:rgb(170, 226, 40)  
}
```

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(170, 226, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 226, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 79.4304, -39.7717, 46.7499 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(170, 226, 40) }
```


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

```
.border{ border-color:rgb(170, 226, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 226, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 226, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 226, 40);  
box-shadow:4px 4px 4px 4px rgb(170, 226,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.4304, -39.7717, 46.7499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 226, 40) }
```

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

```
.background{ background-color: rgb(170,  
226, 40) }
```

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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