

Converting Colors

HunterLab(79.6700, -40.6965,
48.3798)

Have a look what the booklet for
HunterLab(79.6700, -40.6965,
48.3798) contains.

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Color

**HunterLab(79.6770,
-40.7572, 48.3831)**

Conversions

Conversions Part 1

Format	Color
Hex	AAE300
RGB	170, 227, 0
RGB Percent	67%, 89%, 0%
CMY	0.3333, 0.1098, 0.9999
CMYK	0.25, 0.00, 1.00, 0.11
HSL	75°, 100%, 45%
HSV	75°, 100%, 89%
XYZ	44.0467, 63.4842, 9.9321
YIQ	184.0790, 38.8950, -82.6810

Conversions

Conversions Part 2

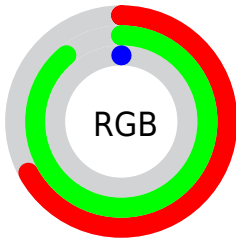
Format	Color
RYB	0, 227, 57
Decimal	11199232
CIELab	83.70, -42.80, 81.86
CIELCh	84, 92.373, 117.604
Yxy	63.4871, 0.3750, 0.5405
Android (android.graphics.Color)	4289389312 (0xFFAAE300)
YUV	184.0790, -90.7509, -12.3473
Hunter-Lab	79.6770, -40.7572, 48.3831

Details

The HunterLab color **79.6770, -40.7572, 48.3831** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **25.3335, 65.2706, -153.3383**, and the grayscale version is **69.6259, -3.7151, 3.7829**.

A 20% lighter version of the original color is **94.3650, -32.4350, 51.7786**, and **57.0134, -33.6550, 34.5422** is the 20% darker color. If you saturate the color by 10%, you get **79.6782, -40.7615, 48.3837**, and if you desaturate by 10%, it is **80.1231, -38.9399, 48.1004**.

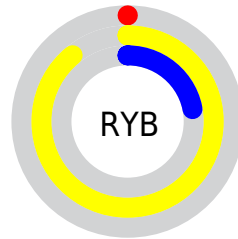
Distribution



Red (67%)

Green (89%)

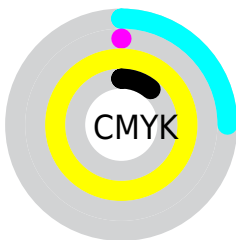
Blue (0%)



Red (0%)

Yellow (89%)

Blue (22%)

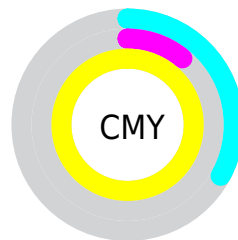


Cyan (25%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (33%)


Magenta (11%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.6770, -40.7572, 48.3831 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 79.6770, -40.7572, 48.3831 by changing the saturation by 10% instead.


 79.6770, -40.7572,
48.3831


 79.6770, -40.7572,
48.3831


209.1256,
-64.0220, 89.4968


 67.9966, -37.8606,
43.0200


 104.8198,
-46.2880, 58.5111


 56.9487, -34.8439,
37.4349


 118.2260,
-48.9486, 63.3140


 46.5740, -31.6777,
31.6473


 132.1595,
-51.5551, 67.9675

 36.9192, -28.3178,
25.8435

 146.6010,
-54.1158, 72.4878

 28.0428, -24.6980,
19.6300

 161.5334,
-56.6375, 76.8892

 20.0201, -20.7139,
14.0141

 176.9408,

 12.9540, -17.2064,

-59.1261, 81.1841

9.0678

192.8093,
-61.5863, 85.3834

■ 6.3984, -11.1971,
4.4789

0.0000, NaN, NaN

■ 79.6770, -40.7572,
48.3831

■ 79.6770, -40.7572,
48.3831

■ 79.6782, -40.7615,
48.3837

■ 80.1231, -38.9399,
48.1004

■ 80.6265, -36.8144,
47.1794

■ 81.2021, -34.3102,
45.4273

■ 81.8567, -31.3953,
42.7488

■ 82.5954, -28.0490,
39.0762

■ 83.4218, -24.2595,
34.3632

■ 84.3387, -20.0226,
28.5810

■ 85.3480, -15.3399,
21.7163

■ 86.4510, -10.2183,
13.7688

Harmonies

Analogous

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



79.6788, -0.5789, 50.6670



79.6770, -40.7572, 48.3831



79.6788, -65.3113, 37.2021

Triad

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



79.6788, -40.7593, 48.3835



79.6788, -45.7882, -102.2607



79.6788, 102.8872, 0.7922

Complementary

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



79.6770, -40.7572, 48.3831



25.3335, 65.2706, -153.3383

Split Complementary

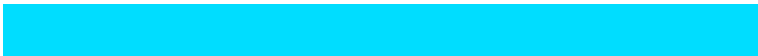
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.6788, 83.5194, -54.1111



79.6770, -40.7572, 48.3831



79.6788, -7.8671, -130.9642

Square

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



79.6788, -40.7593, 48.3835



79.6788, -67.7259, -44.4500



79.6788, 40.2943, -109.7004



79.6788, 88.6450, 33.9882

Rectangle

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



79.6770, -40.7572, 48.3831



79.6788, -72.7736, 20.1638



79.6788, 40.2943, -109.7004



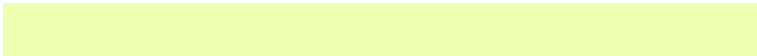
79.6788, 100.0123, -15.5965

Sweetspot

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



79.6788, -40.7593, 48.3835



96.2034, -22.9493, 32.7576



43.8585, 58.0929, 28.0413



44.2972, -11.5932, 16.5148

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.6788, -40.7593, 48.3835



90.8794, -46.6218, 55.1833



74.7023, -61.0871, 44.9611



40.7743, -4.6836, 6.2785



60.8944, -30.9408, 36.9812



16.6834, -7.9021, 10.1419

Inverse Universe

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



25.3335, 65.2706, -153.3383



28.8296, 74.4145, -175.4996



37.5795, 79.1102, -90.1226



37.4982, 0.6421, -2.4090



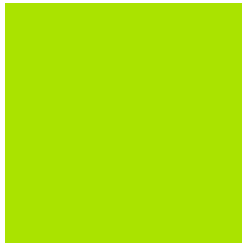
19.4642, 49.9501, -116.2357



5.6845, 13.9395, -28.9199

Previews

White Background



This preview shows how the HunterLab color 79.6770, -40.7572, 48.3831 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 79.6770, -40.7572, 48.3831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

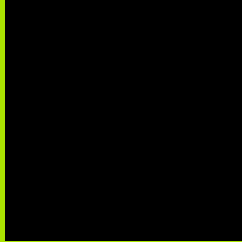
Any Text WCAG AA ✓ Pass

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 79.6770, -40.7572, 48.3831 Background



This preview shows how black text looks on a background with the HunterLab color 79.6770, -40.7572, 48.3831.



This preview shows how white text looks on a background with the HunterLab color 79.6770, -40.7572, 48.3831.

-40.7572, 48.3831.

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

79.6770, -40.7572, 48.3831

Protanopia

79.2300, -10.6479, 48.6347

Deuteranopia

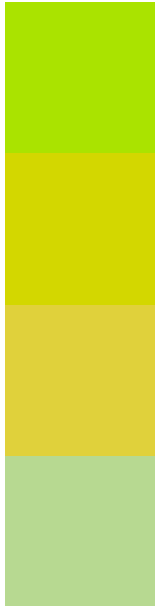
79.3077, 4.4459, 41.2049



Tritanopia

79.4589, -7.5617, -5.9383

Trichromacy



Original Color

79.6770, -40.7572, 48.3831

Protanomaly

79.0252, -22.7252, 48.2971

Deuteranomaly

78.5901, -14.1332, 45.0579

Tritanomaly

78.5731, -25.1591, 27.7621

Monochromacy



Original Color

79.6770, -40.7572, 48.3831

Achromatopsia

69.2330, -3.6941, 3.7616

Achromatomaly

72.2334, -21.4941, 30.3196

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.6770, -40.7572, 48.3831 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, 227, 0)` looks like.

```
.text, #text, p{  
    color:rgb(170, 227, 0)  
}
```

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, 227, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 227, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 79.6770, -40.7572, 48.3831 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, 227, 0) }
```


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

```
.border{ border-color:rgb(170, 227, 0) }
```

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

Here you see how a box with a 4 pixel rgb(170, 227, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 227, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 227, 0);  
box-shadow:4px 4px 4px 4px rgb(170, 227,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.6770, -40.7572, 48.3831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 227, 0) }
```

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

```
.background{ background-color: rgb(170,  
227, 0) }
```

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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