

# Converting Colors

HunterLab(79.1829, -38.0481,  
48.1260)

Have a look what the booklet for  
HunterLab(79.1829, -38.0481,  
48.1260) contains.

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# Color

**HunterLab(79.0831,  
-37.8179, 48.0686)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0E000
RGB	176, 224, 0
RGB Percent	69%, 88%, 0%
CMY	0.3098, 0.1215, 0.9999
CMYK	0.21, 0.00, 1.00, 0.12
HSL	73°, 100%, 44%
HSV	73°, 100%, 88%
XYZ	44.5601, 62.5414, 9.7231
YIQ	184.1120, 43.2960, -79.8400

# Conversions

## Conversions Part 2

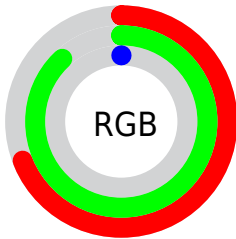
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 224, 48
Decimal	11591680
CIELab	83.20, -39.17, 81.64
CIELCh	83, 90.548, 115.629
Yxy	62.5442, 0.3814, 0.5353
Android (android.graphics.Color)	4289781760 (0xFFB0E000)
YUV	184.1120, -90.7672, -7.1142
Hunter-Lab	79.0831, -37.8179, 48.0686

# Details

The HunterLab color **79.0831, -37.8179, 48.0686** 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 **24.5192, 63.9333, -154.3080**, and the grayscale version is **69.6384, -3.7157, 3.7836**.

A 20% lighter version of the original color is **94.8986, -30.4303, 52.1751**, and **56.7693, -31.2431, 34.4340** is the 20% darker color. If you saturate the color by 10%, you get **79.0844, -37.8220, 48.0693**, and if you desaturate by 10%, it is **79.4817, -36.2007, 47.7599**.

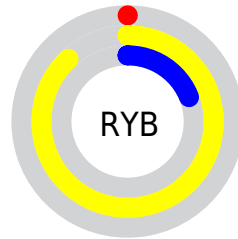
# Distribution



Red (69%)

Green (88%)

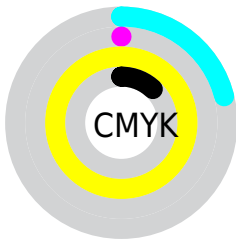
Blue (0%)



Red (0%)

Yellow (88%)

Blue (19%)

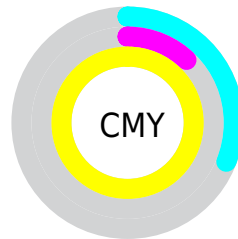


Cyan (21%)

Magenta (0%)

Yellow (100%)

Black (12%)



Cyan (31%)

Magenta (12%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.0831, -37.8179, 48.0686 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 79.0831, -37.8179, 48.0686 by changing the saturation by 10% instead.



■ 79.0831, -37.8179,  
48.0686

■ 79.0831, -37.8179,  
48.0686

208.3059,  
-59.6383, 89.1425

■ 67.4333, -35.1236,  
42.7074

■ 104.1689,  
-42.9774, 58.1906

■ 56.4179, -32.3227,  
37.1237

■ 117.5484,  
-45.4659, 62.9897

■ 46.0777, -29.3891,  
31.3468

■ 131.4562,  
-47.9077, 67.6389

■ 36.4600, -26.2821,  
25.5220

■ 145.8730,  
-50.3104, 72.1546

■ 27.6240, -22.9413,  
19.3368

■ 160.7813,  
-52.6801, 76.5509

■ 19.6460, -19.2697,  
13.7522

■ 176.1656,

■ 12.6308, -15.9843,

-55.0219, 80.8407

8.8416

192.0115,  
-57.3401, 85.0346

■ 5.9538, -10.4192,  
4.1677

0.0000, NaN, NaN

■ 79.0831, -37.8179,  
48.0686

■ 79.0831, -37.8179,  
48.0686

■ 79.0844, -37.8220,  
48.0693

■ 79.4817, -36.2007,  
47.7599

■ 79.9322, -34.2972,  
46.8247

■ 80.4495, -32.0372,  
45.0715

■ 81.0403, -29.3878,  
42.4056

■ 81.7097, -26.3270,  
38.7585

■ 82.4615, -22.8412,  
34.0823

■ 83.2987, -18.9238,  
28.3461

■ 84.2235, -14.5742,  
21.5337

■ 85.2371, -9.7967,  
13.6420

# Harmonies

## Analogous

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



79.0849, 2.3771, 49.9862



79.0831, -37.8179, 48.0686



79.0849, -62.9996, 37.7628

# Triad

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



79.0849, -37.8201, 48.0690



79.0849, -46.8216, -96.1294



79.0849, 99.9759, -2.1271

# Complementary

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



79.0831, -37.8179, 48.0686



24.5192, 63.9333, -154.3080

# 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.



79.0849, 79.1468, -56.5157



79.0831, -37.8179, 48.0686



79.0849, -10.6155, -126.7322

# Square

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



79.0849, -37.8201, 48.0690



79.0849, -67.3371, -39.4134



79.0849, 36.1265, -109.2504



79.0849, 88.2355, 31.9598



# Rectangle

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



79.0831, -37.8179, 48.0686



79.0849, -71.0158, 21.9011



79.0849, 36.1265, -109.2504



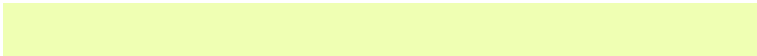
79.0849, 96.4448, -18.5801

# Sweetspot

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



79.0849, -37.8201, 48.0690



96.4553, -22.0276, 32.9972



42.0851, 60.6931, 26.9940



44.4289, -11.1085, 16.6358

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.0849, -37.8201, 48.0690



91.5680, -43.9217, 55.6548



73.8345, -59.1318, 44.4606



39.8417, -4.4495, 6.1581



60.3777, -28.6879, 36.7022



16.0132, -7.0978, 9.7430



# Inverse Universe

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



24.5192, 63.9333, -154.3080



28.3241, 73.9957, -179.2914



35.4005, 75.8229, -94.9763



36.5844, 0.5053, -2.3859



18.8128, 48.8685, -116.9190



5.3306, 13.2021, -28.1305



# Previews

## White Background



This preview shows how the HunterLab color 79.0831, -37.8179, 48.0686 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 79.0831, -37.8179, 48.0686 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 79.0831, -37.8179, 48.0686 Background



This preview shows how black text looks on a background with the HunterLab color 79.0831, -37.8179, 48.0686.



This preview shows how white text looks on a background with the HunterLab color 79.0831, -37.8179, 48.0686.

-37.8179, 48.0686.

# 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

79.0831, -37.8179, 48.0686

### Protanopia

78.7079, -10.9255, 48.3082

### Deuteranopia

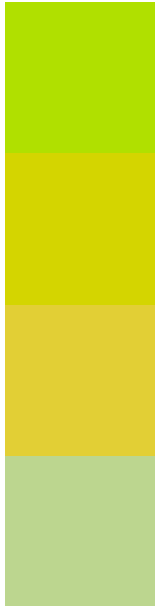
78.6337, 4.9629, 42.2164



## Tritanopia

78.8353, -5.1608, -5.0857

# Trichromacy



## Original Color

79.0831, -37.8179, 48.0686

## Protanomaly

78.4765, -21.4545, 47.9812

## Deuteranomaly

78.1354, -12.6444, 45.3695

## Tritanomaly

77.9536, -22.5150, 27.8756

# Monochromacy



## Original Color

79.0831, -37.8179, 48.0686

## Achromatopsia

69.2330, -3.6941, 3.7616

## Achromatomaly

72.0798, -20.4203, 30.2144

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.0831, -37.8179, 48.0686 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(176, 224, 0)` looks like.

```
.text, #text, p{  
    color:rgb(176, 224, 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(176, 224, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 224, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.0831, -37.8179, 48.0686 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(176, 224, 0) }
```



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

```
.border{ border-color:rgb(176, 224, 0) }
```

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

Here you see how a box with a 4 pixel rgb(176, 224, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 224, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 224, 0);  
box-shadow:4px 4px 4px 4px rgb(176, 224,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.0831, -37.8179, 48.0686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 224, 0) }
```

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

```
.background{ background-color: rgb(176,  
224, 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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