

# Converting Colors

HunterLab(74.8209, -30.9028,  
37.7918)

Have a look what the booklet for  
HunterLab(74.8209, -30.9028,  
37.7918) contains.

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# Color

**HunterLab(74.8343,  
-30.8333, 37.7311)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABD35B
RGB	171, 211, 91
RGB Percent	67%, 83%, 36%
CMY	0.3294, 0.1725, 0.6431
CMYK	0.19, 0.00, 0.57, 0.17
HSL	80°, 58%, 59%
HSV	80°, 57%, 83%
XYZ	41.9771, 56.0017, 18.4945
YIQ	185.3600, 14.6800, -45.8000

# Conversions

## Conversions Part 2

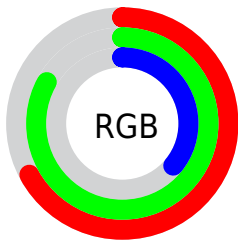
Format	Color
<b>RYB</b>	91, 211, 131
Decimal	11260763
CIELab	79.62, -31.37, 54.09
CIElCh	80, 62.527, 120.108
Yxy	56.0042, 0.3604, 0.4808
Android (android.graphics.Color)	4289450843 (0xFFABD35B)
YUV	185.3600, -46.5195, -12.5937
Hunter-Lab	74.8343, -30.8333, 37.7311

# Details

The HunterLab color  $74.8343, -30.8333, 37.7311$  is a light color, and the websafe version is hex  $99CC66$ . The color can be described as light muted chartreuse. A complement of this color would be  $41.2458, 35.4124, -62.5582$ , and the grayscale version is  $69.9901, -3.7345, 3.8027$ .

A 20% lighter version of the original color is  $94.8991, -29.0168, 41.2320$ , and  $52.5581, -26.0051, 29.9563$  is the 20% darker color. If you saturate the color by 10%, you get  $74.1085, -34.0659, 40.4460$ , and if you desaturate by 10%, it is  $75.6519, -27.1722, 34.1030$ .

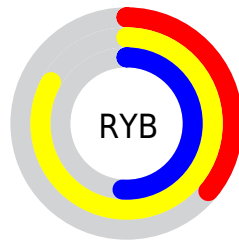
# Distribution



Red (67%)

Green (83%)

Blue (36%)



Red (36%)

Yellow (83%)

Blue (51%)

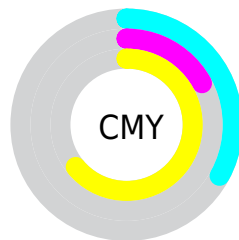


Cyan (19%)

Magenta (0%)

Yellow (57%)

Black (17%)



Cyan (33%)

Magenta (17%)


Yellow (64%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.8343, -30.8333, 37.7311 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 74.8343, -30.8333, 37.7311 by changing the saturation by 10% instead.





 74.8343, -30.8333,  
37.7311

 74.8343, -30.8333,  
37.7311


202.4123,  
-49.6376, 66.7078


 63.4084, -28.5520,  
33.9757


 99.5041, -35.2267,  
44.8025

 52.6303, -26.1888,  
30.0354


 112.6890,  
-37.3575, 48.1611

 42.5432, -23.7215,  
25.8766


 126.4097,  
-39.4558, 51.4245

 33.1982, -21.1151,  
21.4636

 140.6461,  
-41.5278, 54.6060

 24.6599, -18.3154,  
17.2620

155.3801,  
-43.5782, 57.7165

 17.0131, -15.2323,  
11.9092

170.5954,

 10.3773, -13.9263,

-45.6113, 60.7653

7.2641

186.2773,  
-47.6301, 63.7602

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.8343, -30.8333,  
37.7311

■ 74.8343, -30.8333,  
37.7311

■ 74.1085, -34.0659,  
40.4460

■ 75.6519, -27.1722,  
34.1030

■ 73.4658, -36.8758,  
42.2962

■ 76.5590, -23.0735,  
29.5290

■ 72.9024, -39.2866,  
43.3560

■ 77.5591, -18.5423,  
23.9943

■ 72.4105, -41.3379,  
43.7401

■ 78.6530, -13.5876,  
17.4972

■ 72.2662, -41.9351,

■ 79.8410, -8.2224,

43.7959

10.0471

■ 81.1229, -2.4637,  
1.6634

■ 82.4977, 3.6692,  
-7.6269

■ 83.7774, 9.1625,  
-15.1711

■ 84.4723, 11.4575,  
-14.1519

# Harmonies

## Analogous

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



74.8360, -4.1063, 40.8313



74.8343, -30.8333, 37.7311



74.8360, -47.7963, 26.6172

# Triad

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



74.8360, -30.8353, 37.7316



74.8360, -30.6736, -60.9747



74.8360, 63.0010, 4.1774

# Complementary

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



74.8343, -30.8333, 37.7311



41.2458, 35.4124, -62.5582

# 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.



74.8360, 52.9817, -28.8270



74.8343, -30.8333, 37.7311



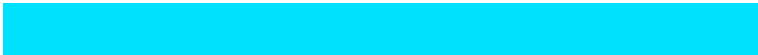
74.8360, -3.8878, -74.3842

# Square

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



74.8360, -30.8353, 37.7316



74.8360, -47.7139, -29.0818



74.8360, 27.2535, -60.7913



74.8360, 52.8419, 26.7354

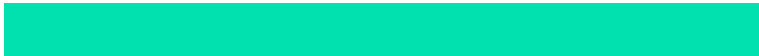


# Rectangle

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



74.8343, -30.8333, 37.7311



74.8360, -52.8411, 12.9150



74.8360, 27.2535, -60.7913



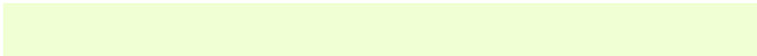
74.8360, 61.8639, -5.9985

# Sweetspot

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



74.8360, -30.8353, 37.7316



97.4049, -17.0349, 21.9489



55.5326, 21.3325, 24.0243



44.9326, -8.4757, 10.9519

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.8360, -30.8353, 37.7316



91.6622, -42.8961, 50.6189



71.2222, -45.0910, 34.8574



36.8673, -4.4589, 5.5732



56.1904, -32.3697, 34.0576



13.4455, -7.0237, 8.1621



# Inverse Universe

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



41.2458, 35.4124, -62.5582



43.2649, 55.2904, -102.0224



48.2319, 52.4780, -45.1225



34.0682, 0.7907, -2.0419



19.1890, 47.6529, -102.2585



4.9891, 11.7249, -21.4339



# Previews

## White Background



This preview shows how the HunterLab color 74.8343, -30.8333, 37.7311 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 74.8343, -30.8333, 37.7311 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

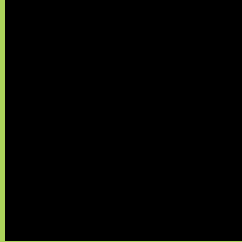
Any Text WCAG AA ✓ Pass

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 74.8343, -30.8333, 37.7311 Background



This preview shows how black text looks on a background with the HunterLab color 74.8343, -30.8333, 37.7311.



This preview shows how white text looks on a background with the HunterLab color 74.8343,

-30.8333, 37.7311.

# 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

74.8343, -30.8333, 37.7311

### Protanopia

74.6195, -8.8245, 38.6612

### Deuteranopia

74.3638, 5.7067, 36.7095



## Tritanopia

74.6206, -4.8060, -4.6514

# Trichromacy



## Original Color

74.8343, -30.8333, 37.7311

## Protanomaly

74.4998, -17.1907, 38.2579

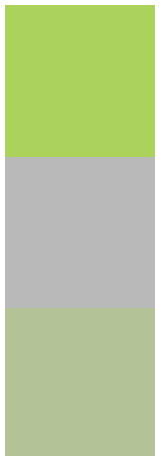
## Deuteranomaly

74.0979, -8.9230, 36.8397

## Tritanomaly

74.4313, -16.1650, 15.6810

# Monochromacy



## Original Color

74.8343, -30.8333, 37.7311

## Achromatopsia

69.6527, -3.7165, 3.7844

## Achromatomaly

71.0783, -14.6423, 19.1194

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.8343, -30.8333, 37.7311 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(171, 211, 91)` looks like.

```
.text, #text, p{  
    color:rgb(171, 211, 91)  
}
```

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(171, 211, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 211, 91) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.8343, -30.8333, 37.7311 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(171, 211, 91) }
```



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

```
.border{ border-color:rgb(171, 211, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 211, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 211, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 211, 91);  
box-shadow:4px 4px 4px 4px rgb(171, 211,  
91) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.8343, -30.8333, 37.7311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 211, 91) }
```

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

```
.background{ background-color: rgb(171,  
211, 91) }
```

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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