

# Converting Colors

HunterLab(82.1368, -30.8482,  
47.7102)

Have a look what the booklet for  
HunterLab(82.1368, -30.8482,  
47.7102) contains.

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# Color

**HunterLab(82.1374,  
-30.9338, 47.7260)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8E334
RGB	200, 227, 52
RGB Percent	78%, 89%, 20%
CMY	0.2157, 0.1098, 0.7960
CMYK	0.12, 0.00, 0.77, 0.11
HSL	69°, 76%, 55%
HSV	69°, 77%, 89%
XYZ	51.9084, 67.4655, 13.5351
YIQ	198.9770, 40.0830, -60.1490

# Conversions

## Conversions Part 2

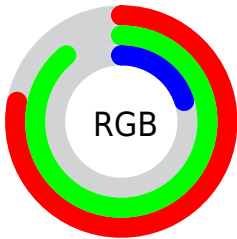
Format	Color
<a href="#">RYB</a>	<a href="#">52, 227, 79</a>
Decimal	<a href="#">13165364</a>
CIELab	<a href="#">85.74, -29.83, 75.60</a>
CIELCh	<a href="#">86, 81.268, 111.536</a>
Yxy	<a href="#">67.4686, 0.3905, 0.5076</a>
Android (android.graphics.Color)	<a href="#">4291355444 (0xFFC8E334)</a>
YUV	<a href="#">198.9770, -72.4597, 0.8972</a>
Hunter-Lab	<a href="#">82.1374, -30.9338, 47.7260</a>

# Details

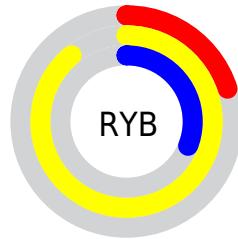
The HunterLab color **82.1374, -30.9338, 47.7260** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed yellow. A complement of this color would be **31.0901, 50.7739, -118.5520**, and the grayscale version is **75.8513, -4.0472, 4.1211**.

A 20% lighter version of the original color is **96.9393, -22.3707, 49.7867**, and **59.3766, -26.0240, 36.1320** is the 20% darker color. If you saturate the color by 10%, you get **81.7520, -32.6052, 48.9469**, and if you desaturate by 10%, it is **82.5909, -28.9146, 45.6448**.

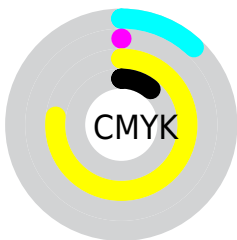
# Distribution



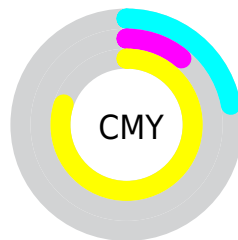
- Red (78%)
- Green (89%)
- Blue (20%)



- Red (20%)
- Yellow (89%)
- Blue (31%)



- Cyan (12%)
- Magenta (0%)
- Yellow (77%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.1374, -30.9338, 47.7260 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 82.1374, -30.9338, 47.7260 by changing the saturation by 10% instead.



82.1374, -30.9338,  
47.7260

82.1374, -30.9338,  
47.7260

212.5114,  
-49.0008, 85.8008

70.3317, -28.7764,  
42.7714

107.5135,  
-35.1172, 57.0779

59.1514, -26.5536,  
37.6011

121.0291,  
-37.1563, 61.5160

48.6357, -24.2494,  
32.1992

135.0678,  
-39.1699, 65.8201

38.8296, -21.8379,  
26.8320

149.6109,  
-41.1630, 70.0054

29.7888, -19.2804,  
20.8522

164.6415,  
-43.1396, 74.0854

21.5845, -16.5156,  
15.1092

180.1442,

14.3128, -13.4374,

-45.1030, 78.0716

10.0189

196.1051,  
-47.0559, 81.9738

■ 7.9716, -13.9502,  
5.5801

0.0000, NaN, NaN

■ 82.1374, -30.9338,  
47.7260

■ 82.1374, -30.9338,  
47.7260

■ 81.7520, -32.6052,  
48.9469

■ 82.5909, -28.9146,  
45.6448

■ 81.4201, -33.9704,  
49.4378

■ 83.1133, -26.5078,  
42.6109

■ 81.3292, -34.3379,  
49.5135

■ 83.7117, -23.6932,  
38.5579

■ 84.3900, -20.4558,  
33.4381

■ 85.1513, -16.7872,  
27.2199

■ 85.9979, -12.6846,  
19.8858

■ 86.9315, -8.1499,  
11.4314

■ 87.9532, -3.1896,  
1.8633

■ 89.0159, 1.9288,  
-8.1295

# Harmonies

## Analogous

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



82.1393, 7.3307, 49.0663



82.1374, -30.9338, 47.7260



82.1393, -56.6738, 38.3726

# Triad

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



82.1393, -30.9363, 47.7265



82.1393, -47.2375, -76.7015



82.1393, 87.1498, -7.1338

# Complementary

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



82.1374, -30.9338, 47.7260



31.0901, 50.7739, -118.5520

# 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.



82.1393, 65.5044, -55.8533



82.1374, -30.9338, 47.7260



82.1393, -15.4828, -106.9350

# Square

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



82.1393, -30.9363, 47.7265



82.1393, -64.7452, -27.4449



82.1393, 26.0313, -97.8728



82.1393, 80.8170, 27.1850



# Rectangle

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



82.1374, -30.9338, 47.7260



82.1393, -65.7141, 24.5556



82.1393, 26.0313, -97.8728



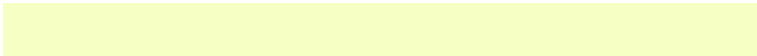
82.1393, 82.7748, -22.4635

# Sweetspot

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



82.1393, -30.9363, 47.7265



97.5218, -17.3673, 27.9105



46.9737, 50.9598, 25.7353



44.9603, -8.7983, 14.2584

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



82.1393, -30.9363, 47.7265



93.0219, -38.2480, 56.2894



76.6271, -52.7203, 43.7798



40.8640, -4.3664, 6.3806



62.1409, -26.0936, 37.8341



16.9825, -6.7477, 10.3464



# Inverse Universe

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



31.0901, 50.7739, -118.5520



29.0594, 70.8268, -173.8823



40.1045, 66.7664, -81.5639



37.4077, 0.3334, -2.5319



18.6414, 49.2745, -122.4528



5.3834, 13.6589, -30.9379



# Previews

## White Background



This preview shows how the HunterLab color 82.1374, -30.9338, 47.7260 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 82.1374, -30.9338, 47.7260 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 82.1374, -30.9338, 47.7260 Background



This preview shows how black text looks on a background with the HunterLab color 82.1374, -30.9338, 47.7260.



This preview shows how white text looks on a background with the HunterLab color 82.1374,

-30.9338, 47.7260.

# 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

82.1374, -30.9338, 47.7260

### Protanopia

81.7558, -10.9023, 48.0794

### Deuteranopia

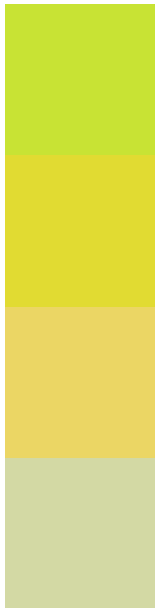
81.8138, 3.3154, 35.9204



## Tritanopia

82.1219, 0.0969, -2.3873

# Trichromacy



## Original Color

82.1374, -30.9338, 47.7260

## Protanomaly

81.7930, -18.8347, 47.8833

## Deuteranomaly

81.6550, -10.4061, 41.3789

## Tritanomaly

81.3357, -14.2213, 24.2674

# Monochromacy



## Original Color

82.1374, -30.9338, 47.7260

## Achromatopsia

75.5728, -4.0324, 4.1060

## Achromatomaly

77.3423, -16.3943, 26.5242

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.1374, -30.9338, 47.7260 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(200, 227, 52)` looks like.

```
.text, #text, p{  
    color:rgb(200, 227, 52)  
}
```

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(200, 227, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 227, 52) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.1374, -30.9338, 47.7260 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(200, 227, 52) }
```



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

```
.border{ border-color:rgb(200, 227, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 227, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 227, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 227, 52);  
box-shadow:4px 4px 4px 4px rgb(200, 227,  
52) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.1374, -30.9338, 47.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 227, 52) }
```

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

```
.background{ background-color: rgb(200,  
227, 52) }
```

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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