

# Converting Colors

HunterLab(85.2882, -31.5965,  
46.4243)

Have a look what the booklet for  
HunterLab(85.2882, -31.5965,  
46.4243) contains.

<b>HunterLab(85.4430, -31.6822, 46.5556)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(85.4430,  
-31.6822, 46.5556)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDEB52
RGB	205, 235, 82
RGB Percent	80%, 92%, 32%
CMY	0.1961, 0.0784, 0.6784
CMYK	0.13, 0.00, 0.65, 0.08
HSL	72°, 79%, 62%
HSV	72°, 65%, 92%
XYZ	56.4082, 73.0051, 19.1011
YIQ	208.5880, 31.2330, -53.9430

# Conversions

## Conversions Part 2

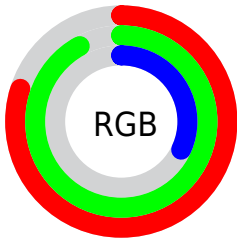
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	82, 235, 112
Decimal	13495122
CIE Lab	88.45, -30.04, 68.13
CIE LCh	88, 74.454, 113.792
Yxy	73.0084, 0.3798, 0.4916
Android (android.graphics.Color)	4291685202 (0xFFCDEB52)
YUV	208.5880, -62.4079, -3.1467
Hunter-Lab	85.4430, -31.6822, 46.5556

# Details

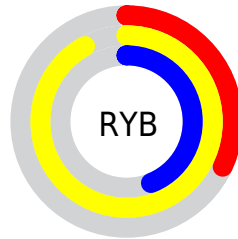
The HunterLab color **85.4430, -31.6822, 46.5556** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **39.3439, 43.1989, -93.4505**, and the grayscale version is **79.9244, -4.2646, 4.3424**.

A 20% lighter version of the original color is **97.2702, -20.5023, 44.9223**, and **62.0260, -27.3180, 37.3779** is the 20% darker color. If you saturate the color by 10%, you get **84.8904, -34.1487, 48.8682**, and if you desaturate by 10%, it is **86.0782, -28.8013, 43.2371**.

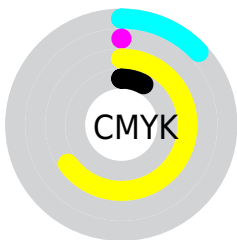
# Distribution



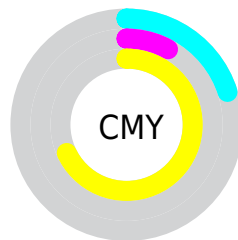
- Red (80%)
- Green (92%)
- Blue (32%)



- Red (32%)
- Yellow (92%)
- Blue (44%)



- Cyan (13%)
- Magenta (0%)
- Yellow (65%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.4430, -31.6822, 46.5556 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 85.4430, -31.6822, 46.5556 by changing the saturation by 10% instead.



85.4430, -31.6822,  
46.5556

85.4430, -31.6822,  
46.5556

217.0354,  
-49.7771, 81.0462

73.4730, -29.5286,  
42.0970

111.1256,  
-35.8648, 54.9810

62.1192, -27.3128,  
37.4412

124.7850,  
-37.9058, 58.9878

51.4192, -25.0204,  
32.5629

138.9623,  
-39.9223, 62.8802

41.4157, -22.6276,  
27.4421

153.6392,  
-41.9191, 66.6720

32.1611, -20.0996,  
22.5127

168.7993,  
-43.9000, 70.3751

23.7217, -17.3822,  
16.6052


184.4276,

16.1856, -14.3842,


-45.8683, 73.9996


11.3299


200.5105,  
-47.8266, 77.5541


 9.6778, -14.0574,  
6.7745


0.0000, NaN, NaN


 85.4430, -31.6822,  
46.5556


 85.4430, -31.6822,  
46.5556


 84.8904, -34.1487,  
48.8682


 86.0782, -28.8013,  
43.2371


 84.4085, -36.2235,  
50.2608

 86.7952, -25.4787,  
38.8479

 83.9906, -37.9530,  
50.8557

 87.5996, -21.7051,  
33.3450

 83.8023, -38.7142,  
50.9608

 88.4941, -17.4753,  
26.7017

■ 89.4809, -12.7900,  
18.9063

■ 90.5613, -7.6551,  
9.9597

■ 91.7359, -2.0805,  
-0.1257

■ 92.4632, 0.9953,  
-3.6723

■ 92.9084, 2.5118,  
-3.0807

# Harmonies

## Analogous

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



85.4449, 3.3531, 48.5403



85.4430, -31.6822, 46.5556



85.4449, -55.1948, 35.9982

# Triad

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



85.4449, -31.6847, 46.5562



85.4449, -43.0323, -71.0135



85.4449, 79.3317, -3.0826

# Complementary

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



85.4430, -31.6822, 46.5556



39.3439, 43.1989, -93.4505

# 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.



85.4449, 61.5537, -46.4356



85.4430, -31.6822, 46.5556



85.4449, -12.2024, -95.1455

# Square

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



85.4449, -31.6847, 46.5562



85.4449, -60.9151, -27.8079



85.4449, 26.4285, -84.6164



85.4449, 71.7030, 27.9035



# Rectangle

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



85.4430, -31.6822, 46.5556



85.4449, -63.2380, 21.6281



85.4449, 26.4285, -84.6164



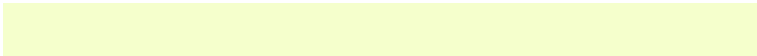
85.4449, 76.0439, -16.7333

# Sweetspot

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



85.4449, -31.6847, 46.5562



97.6175, -16.6559, 25.1627



54.2552, 41.1544, 25.4277



45.0228, -8.3681, 12.7355

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.4449, -31.6847, 46.5562



92.9539, -38.2472, 54.2135



80.5054, -51.0659, 42.8333



41.7960, -4.6162, 6.4967



62.5598, -28.7122, 38.0464



17.6388, -7.6270, 10.7354



# Inverse Universe

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



39.3439, 43.1989, -93.4505



35.3507, 60.3296, -135.8363



47.4792, 61.2737, -67.8253



38.3290, 0.4840, -2.5499



19.2471, 50.3049, -122.0079



5.7440, 14.4002, -31.6638



# Previews

## White Background



This preview shows how the HunterLab color 85.4430, -31.6822, 46.5556 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

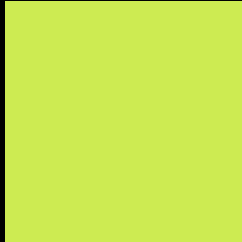
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.4430, -31.6822, 46.5556 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 85.4430, -31.6822, 46.5556 Background



This preview shows how black text looks on a background with the HunterLab color 85.4430, -31.6822, 46.5556.



This preview shows how white text looks on a background with the HunterLab color 85.4430,

-31.6822, 46.5556.

# 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

85.4430, -31.6822, 46.5556

### Protanopia

85.2931, -10.7042, 47.3595

### Deuteranopia

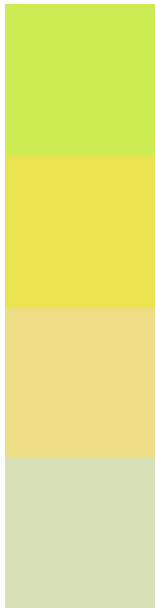
85.0876, 1.9012, 29.2895



## Tritanopia

85.3407, -0.8344, -3.0915

# Trichromacy



## Original Color

85.4430, -31.6822, 46.5556

## Protanomaly

85.2399, -19.0033, 47.0466

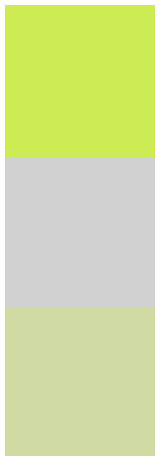
## Deuteranomaly

84.8015, -11.1387, 36.7968

## Tritanomaly

84.7264, -14.3122, 21.3657

# Monochromacy



## Original Color

85.4430, -31.6822, 46.5556

## Achromatopsia

79.8497, -4.2606, 4.3384

## Achromatomaly

81.3616, -15.8058, 24.6074

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.4430, -31.6822, 46.5556 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(205, 235, 82)` looks like.

```
.text, #text, p{  
    color:rgb(205, 235, 82)  
}
```

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(205, 235, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 235, 82) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.4430, -31.6822, 46.5556 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(205, 235, 82) }
```



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

```
.border{ border-color:rgb(205, 235, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 235, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 235, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 235, 82);  
box-shadow:4px 4px 4px 4px rgb(205, 235,  
82) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.4430, -31.6822, 46.5556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 235, 82) }
```

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

```
.background{ background-color: rgb(205,  
235, 82) }
```

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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