

Converting Colors

HunterLab(81.7940, -35.8230,
48.2992)

Have a look what the booklet for
HunterLab(81.7940, -35.8230,
48.2992) contains.

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Color

**HunterLab(81.7821,
-35.8615, 48.3106)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE528
RGB	188, 229, 40
RGB Percent	74%, 90%, 16%
CMY	0.2627, 0.1019, 0.8431
CMYK	0.18, 0.00, 0.83, 0.10
HSL	73°, 78%, 53%
HSV	73°, 83%, 90%
XYZ	49.1413, 66.8831, 12.3271
YIQ	195.1950, 36.2330, -67.4710

Conversions

Conversions Part 2

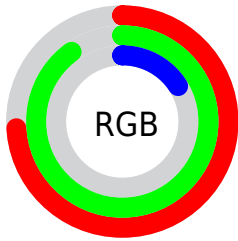
Format	Color
RYB	40, 229, 81
Decimal	12379432
CIELab	85.45, -35.96, 78.15
CIELCh	85, 86.028, 114.710
Yxy	66.8861, 0.3829, 0.5211
Android (android.graphics.Color)	4290569512 (0xFFBCE528)
YUV	195.1950, -76.5111, -6.3100
Hunter-Lab	81.7821, -35.8615, 48.3106

Details

The HunterLab color **81.7821, -35.8615, 48.3106** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed chartreuse. A complement of this color would be **29.8759, 57.0390, -127.7115**, and the grayscale version is **74.2610, -3.9624, 4.0347**.

A 20% lighter version of the original color is **96.1750, -25.3557, 50.5797**, and **58.8498, -29.7382, 35.7423** is the 20% darker color. If you saturate the color by 10%, you get **81.3348, -37.7428, 49.0675**, and if you desaturate by 10%, it is **82.2999, -33.6287, 46.7457**.

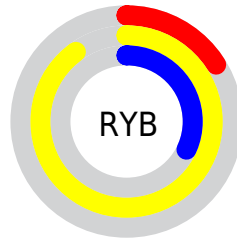
Distribution



Red (74%)

Green (90%)

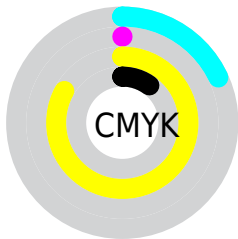
Blue (16%)



Red (16%)

Yellow (90%)

Blue (32%)

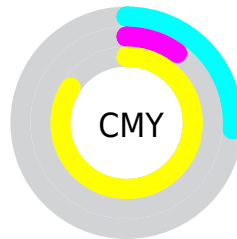


Cyan (18%)

Magenta (0%)

Yellow (83%)

Black (10%)



Cyan (26%)

Magenta (10%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.7821, -35.8615, 48.3106 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 81.7821, -35.8615, 48.3106 by changing the saturation by 10% instead.

81.7821, -35.8615,
48.3106

81.7821, -35.8615,
48.3106

212.0234,
-56.3332, 87.5606

69.9944, -33.3661,
43.1999

107.1248,
-40.6641, 57.9597

58.8330, -30.7817,
37.8707

120.6247,
-42.9900, 62.5382

48.3374, -28.0870,
32.3116

134.6483,
-45.2777, 66.9771

38.5530, -25.2485,
26.9650

149.1769,
-47.5338, 71.2921

29.5356, -22.2167,
20.6749

164.1934,
-49.7633, 75.4969

21.3572, -18.9132,
14.9500


179.6824,

14.1146, -15.2483,


-51.9708, 79.6033


9.8802


195.6301,
-54.1597, 83.6215


 7.7650, -13.5887,
5.4355


0.0000, NaN, NaN


 81.7821, -35.8615,
48.3106


 81.7821, -35.8615,
48.3106


 81.3348, -37.7428,
49.0675

 82.2999, -33.6287,
46.7457

 81.0329, -38.9697,
49.2499

 82.8900, -31.0001,
44.2649

 83.5600, -27.9526,
40.7919

 84.3140, -24.4704,
36.2725

■ 85.1554, -20.5452,
30.6708

■ 86.0865, -16.1749,
23.9666

■ 87.1088, -11.3629,
16.1536

■ 88.2235, -6.1172,
7.2374

■ 89.4307, -0.4498,
-2.7657

Harmonies

Analogous

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



81.7839, 3.3204, 50.2350



81.7821, -35.8615, 48.3106



81.7839, -61.0539, 37.8811

Triad

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



81.7839, -35.8638, 48.3111



81.7839, -46.5066, -88.0814



81.7839, 94.1961, -3.0618

Complementary

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



81.7821, -35.8615, 48.3106



29.8759, 57.0390, -127.7115

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.



81.7839, 73.7865, -54.5550



81.7821, -35.8615, 48.3106



81.7839, -11.7828, -117.3144

Square

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



81.7839, -35.8638, 48.3111



81.7839, -66.2602, -35.2685



81.7839, 32.7583, -102.6506



81.7839, 84.1169, 30.7807

Rectangle

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



81.7821, -35.8615, 48.3106



81.7839, -69.3211, 22.4463



81.7839, 32.7583, -102.6506



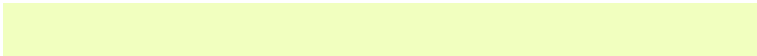
81.7839, 90.5677, -18.8722

Sweetspot

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



81.7839, -35.8638, 48.3111



96.9655, -19.6140, 29.1793



47.6349, 50.1808, 27.7312



44.6877, -9.8867, 14.7506

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.7839, -35.8638, 48.3111



91.5621, -43.9386, 55.6035



76.5188, -56.9854, 44.5968



40.8059, -4.5719, 6.3145



61.3153, -29.2917, 37.2694



16.7853, -7.5063, 10.2116

Inverse Universe

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



29.8759, 57.0390, -127.7115



28.5565, 73.6882, -177.5412



40.4259, 73.5729, -82.5272



37.4662, 0.5328, -2.4525



19.1325, 49.6702, -118.6827



5.5732, 13.8329, -29.6425

Previews

White Background



This preview shows how the HunterLab color 81.7821, -35.8615, 48.3106 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 81.7821, -35.8615, 48.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

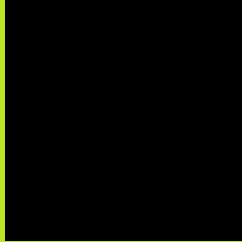
Any Text WCAG AA ✓ Pass

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 81.7821, -35.8615, 48.3106 Background



This preview shows how black text looks on a background with the HunterLab color 81.7821, -35.8615, 48.3106.



This preview shows how white text looks on a background with the HunterLab color 81.7821,

-35.8615, 48.3106.

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

81.7821, -35.8615, 48.3106

Protanopia

81.3887, -10.7344, 48.7475

Deuteranopia

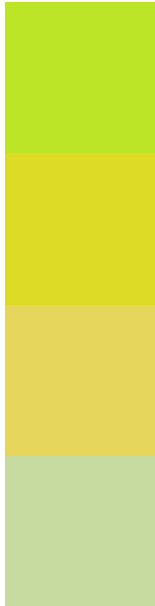
81.4419, 3.4124, 36.8396



Tritanopia

81.5006, -3.4830, -4.3019

Trichromacy



Original Color

81.7821, -35.8615, 48.3106

Protanomaly

81.3442, -20.5988, 48.4876

Deuteranomaly

81.1509, -12.3841, 42.3904

Tritanomaly

80.8569, -19.3799, 24.7598

Monochromacy



Original Color

81.7821, -35.8615, 48.3106

Achromatopsia

73.8732, -3.9417, 4.0137

Achromatomaly

75.9580, -18.4559, 27.4158

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.7821, -35.8615, 48.3106 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(188, 229, 40)` looks like.

```
.text, #text, p{  
    color:rgb(188, 229, 40)  
}
```

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(188, 229, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 229, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 81.7821, -35.8615, 48.3106 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(188, 229, 40) }
```


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

```
.border{ border-color:rgb(188, 229, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 229, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 229, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 229, 40);  
box-shadow:4px 4px 4px 4px rgb(188, 229,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.7821, -35.8615, 48.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 229, 40) }
```

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

```
.background{ background-color: rgb(188,  
229, 40) }
```

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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