

Converting Colors

HunterLab(80.9836, -35.0987,
44.9229)

Have a look what the booklet for
HunterLab(80.9836, -35.0987,
44.9229) contains.

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Color

**HunterLab(80.9836,
-35.0987, 44.9229)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E347
RGB	184, 227, 71
RGB Percent	72%, 89%, 28%
CMY	0.2784, 0.1098, 0.7215
CMYK	0.19, 0.00, 0.69, 0.11
HSL	77°, 74%, 58%
HSV	77°, 69%, 89%
XYZ	48.3736, 65.5834, 16.0705
YIQ	196.3590, 24.4480, -57.6320

Conversions

Conversions Part 2

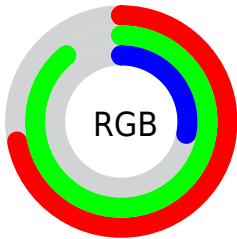
Format	Color
RYB	71, 227, 114
Decimal	12116807
CIELab	84.78, -35.21, 68.07
CIELCh	85, 76.637, 117.352
Yxy	65.5864, 0.3720, 0.5044
Android (android.graphics.Color)	4290306887 (0xFFB8E347)
YUV	196.3590, -61.8020, -10.8388
Hunter-Lab	80.9836, -35.0987, 44.9229

Details

The HunterLab color **80.9836, -35.0987, 44.9229** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **36.9211, 46.8764, -93.1376**, and the grayscale version is **74.6982, -3.9857, 4.0585**.

A 20% lighter version of the original color is **95.9860, -25.4925, 46.0853**, and **57.9981, -29.7396, 35.2175** is the 20% darker color. If you saturate the color by 10%, you get **80.3688, -37.7877, 46.7740**, and if you desaturate by 10%, it is **81.6850, -31.9887, 42.1376**.

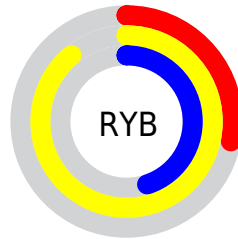
Distribution



Red (72%)

Green (89%)

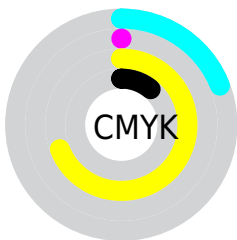
Blue (28%)



Red (28%)

Yellow (89%)

Blue (45%)

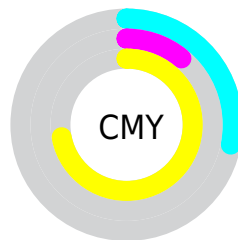


Cyan (19%)

Magenta (0%)

Yellow (69%)

Black (11%)



Cyan (28%)

Magenta (11%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.9836, -35.0987, 44.9229 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 80.9836, -35.0987, 44.9229 by changing the saturation by 10% instead.

■ 80.9836, -35.0987,
44.9229

■ 80.9836, -35.0987,
44.9229

210.9256,
-55.2934, 79.7282

■ 69.2363, -32.6397,
40.3986

■ 106.2509,
-39.8324, 53.4546

■ 58.1178, -30.0935,
35.6676

■ 119.7154,
-42.1257, 57.5043

■ 47.6678, -27.4386,
30.7057

■ 133.7050,
-44.3819, 61.4340

■ 37.9322, -24.6418,
25.5530

■ 148.2007,
-46.6074, 65.2584

■ 28.9678, -21.6533,
20.2775

■ 163.1854,
-48.8074, 68.9901

■ 20.8480, -18.3943,
14.5936

178.6436,

■ 13.6717, -14.8364,

-50.9861, 72.6397

9.5702

194.5614,
-53.1471, 76.2165

■ 7.2782, -12.7369,
5.0948

0.0000, NaN, NaN

■ 80.9836, -35.0987,
44.9229

■ 80.9836, -35.0987,
44.9229

■ 80.3688, -37.7877,
46.7740

■ 81.6850, -31.9887,
42.1376

■ 79.8287, -40.0787,
47.7797

■ 82.4721, -28.4332,
38.3533

■ 79.3543, -42.0320,
48.0996

■ 83.3505, -24.4250,
33.5283

■ 79.2962, -42.2697,
48.1219

■ 84.3225, -19.9624,
27.6379

■ 85.3897, -15.0495,
20.6723

■ 86.5532, -9.6954,
12.6350

■ 87.8131, -3.9137,
3.5405

■ 89.1691, 2.2789,
-6.5876

■ 89.8570, 4.7786,
-6.9716

Harmonies

Analogous

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



80.9854, -0.9384, 47.5360



80.9836, -35.0987, 44.9229



80.9854, -56.9089, 33.5513

Triad

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



80.9854, -35.1009, 44.9234



80.9854, -39.9398, -78.1426



80.9854, 81.8670, 1.1467

Complementary

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



80.9836, -35.0987, 44.9229



36.9211, 46.8764, -93.1376

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.



80.9854, 66.4475, -42.4927



80.9836, -35.0987, 44.9229



80.9854, -7.6579, -99.6054

Square

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



80.9854, -35.1009, 44.9234



80.9854, -59.3214, -34.2492



80.9854, 31.8659, -84.2427



80.9854, 70.9109, 30.1853

Rectangle

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



80.9836, -35.0987, 44.9229



80.9854, -63.7656, 18.1391



80.9854, 31.8659, -84.2427



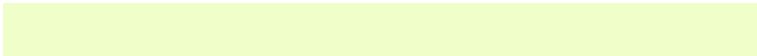
80.9854, 79.5412, -12.2480

Sweetspot

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



80.9854, -35.1009, 44.9234



97.1211, -18.5704, 25.6170



53.3939, 35.8672, 26.9085



44.7744, -9.3201, 12.8923

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.9854, -35.1009, 44.9234



91.4521, -44.1596, 53.9102



76.5161, -52.9061, 41.6027



40.7517, -4.7635, 6.2528



60.6054, -32.0808, 36.7831



16.6128, -8.1779, 10.0936

Inverse Universe

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



36.9211, 46.8764, -93.1376



34.7592, 65.9073, -138.8033



45.9116, 65.4751, -64.4178



37.5213, 0.7206, -2.3778



19.7298, 50.1812, -114.3299



5.7694, 14.0229, -28.3857

Previews

White Background



This preview shows how the HunterLab color 80.9836, -35.0987, 44.9229 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 80.9836, -35.0987, 44.9229 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 80.9836, -35.0987, 44.9229 Background



This preview shows how black text looks on a background with the HunterLab color 80.9836, -35.0987, 44.9229.



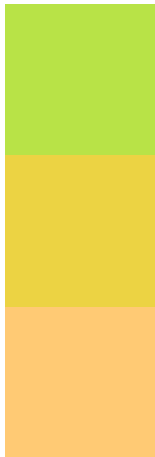
This preview shows how white text looks on a background with the HunterLab color 80.9836, -35.0987, 44.9229.

-35.0987, 44.9229.

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

80.9836, -35.0987, 44.9229

Protanopia

80.5150, -10.3224, 45.5219

Deuteranopia

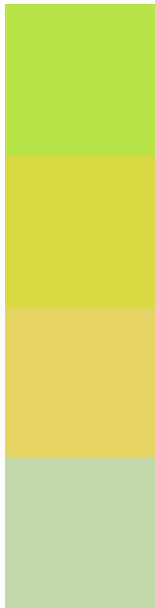
80.4748, 4.4822, 37.4933



Tritanopia

80.8088, -4.3666, -4.6712

Trichromacy



Original Color

80.9836, -35.0987, 44.9229

Protanomaly

80.4952, -20.0747, 45.2212

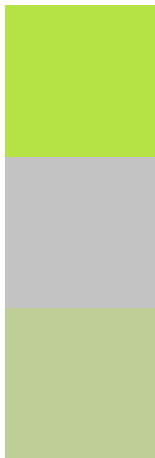
Deuteranomaly

80.1041, -11.1437, 40.2408

Tritanomaly

80.1289, -18.2278, 20.1765

Monochromacy



Original Color

80.9836, -35.0987, 44.9229

Achromatopsia

74.2975, -3.9643, 4.0367

Achromatomaly

76.2014, -17.0789, 23.8755

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.9836, -35.0987, 44.9229 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(184, 227, 71)` looks like.

```
.text, #text, p{  
    color:rgb(184, 227, 71)  
}
```

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(184, 227, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 227, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 80.9836, -35.0987, 44.9229 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(184, 227, 71) }
```


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

```
.border{ border-color:rgb(184, 227, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 227, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 227, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 227, 71);  
box-shadow:4px 4px 4px 4px rgb(184, 227,  
71) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.9836, -35.0987, 44.9229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 227, 71) }
```

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

```
.background{ background-color: rgb(184,  
227, 71) }
```

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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