

Converting Colors

HunterLab(84.8813, -41.0028,
47.2313)

Have a look what the booklet for
HunterLab(84.8813, -41.0028,
47.2313) contains.

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Color

**HunterLab(84.8751,
-41.0106, 47.1784)**

Conversions

Conversions Part 1

Format	Color
Hex	B5EF49
RGB	181, 239, 73
RGB Percent	71%, 94%, 29%
CMY	0.2902, 0.0627, 0.7137
CMYK	0.24, 0.00, 0.69, 0.06
HSL	81°, 84%, 61%
HSV	81°, 69%, 94%
XYZ	51.1252, 72.0378, 17.5135
YIQ	202.7340, 18.7180, -63.9220

Conversions

Conversions Part 2

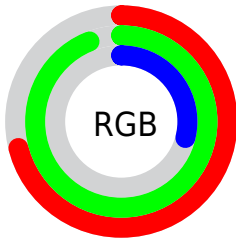
Format	Color
RYB	73, 239, 131
Decimal	11923273
CIELab	87.99, -41.59, 70.52
CIElCh	88, 81.869, 120.530
Yxy	72.0410, 0.3634, 0.5121
Android (android.graphics.Color)	4290113353 (0xFFB5EF49)
YUV	202.7340, -63.9589, -19.0607
Hunter-Lab	84.8751, -41.0106, 47.1784

Details

The HunterLab color **84.8751, -41.0106, 47.1784** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **39.7800, 53.0003, -96.2781**, and the grayscale version is **77.4257, -4.1312, 4.2067**.

A 20% lighter version of the original color is **95.7376, -26.3549, 45.4527**, and **61.7073, -35.3759, 37.4044** is the 20% darker color. If you saturate the color by 10%, you get **84.1445, -44.1966, 49.0200**, and if you desaturate by 10%, it is **85.7096, -37.3329, 44.3528**.

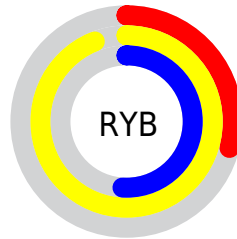
Distribution



Red (71%)

Green (94%)

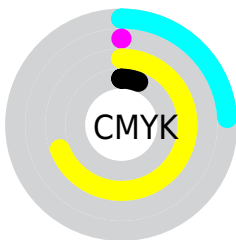
Blue (29%)



Red (29%)

Yellow (94%)

Blue (51%)

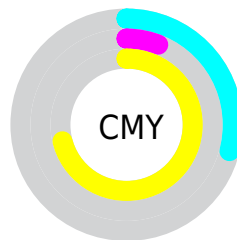


Cyan (24%)

Magenta (0%)

Yellow (69%)

Black (6%)



Cyan (29%)


Magenta (6%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.8751, -41.0106, 47.1784 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 84.8751, -41.0106, 47.1784 by changing the saturation by 10% instead.


 84.8751, -41.0106,
47.1784


 84.8751, -41.0106,
47.1784


216.2601,
-63.6199, 82.7688

 72.9330, -38.2248,
42.5688


 110.5056,
-46.3533, 55.8861

 61.6086, -35.3339,
37.7560


 124.1405,
-48.9322, 60.0248

 50.9399, -32.3140,
32.7169


 138.2942,
-51.4633, 64.0433

 40.9698, -29.1284,
27.4426

 152.9483,
-53.9539, 67.9560

 31.7514, -25.7235,
22.2260

 168.0863,
-56.4103, 71.7750

 23.3517, -22.0171,
16.3462

183.6933,

 15.8602, -17.8733,

-58.8373, 75.5110

11.1021

199.7554,
-61.2393, 79.1730

■ 9.4040, -16.4571,
6.5828

0.0000, NaN, NaN

■ 84.8751, -41.0106,
47.1784

■ 84.8751, -41.0106,
47.1784

■ 84.1445, -44.1966,
49.0200

■ 85.7096, -37.3329,
44.3528

■ 83.5053, -46.9142,
49.9730


■ 86.6472, -33.1412,
40.4759


■ 82.9466, -49.2323,
50.2227


■ 87.6933, -28.4321,
35.5066

■ 82.9176, -49.3526,
50.2294


■ 88.8501, -23.2088,
29.4232

 90.1189, -17.4813,
22.2206

 91.5000, -11.2653,
13.9081

 92.9930, -4.5808,
4.5071

 94.2754, 0.8093,
-1.3928

 94.9822, 3.2152,
-0.4724

Harmonies

Analogous

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



84.8770, -5.2620, 50.6223



84.8751, -41.0106, 47.1784



84.8770, -62.8851, 33.8733

Triad

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



84.8770, -41.0127, 47.1789



84.8770, -39.9689, -90.1514



84.8770, 89.6579, 5.3114

Complementary

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



84.8751, -41.0106, 47.1784



39.7800, 53.0003, -96.2781

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.



84.8770, 75.6665, -41.2246



84.8751, -41.0106, 47.1784



84.8770, -3.8023, -109.9266

Square

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



84.8770, -41.0127, 47.1789



84.8770, -62.3679, -43.0389



84.8770, 39.3843, -88.7995



84.8770, 74.6875, 34.5895

Rectangle

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



84.8751, -41.0106, 47.1784



84.8770, -69.1841, 16.0654



84.8770, 39.3843, -88.7995



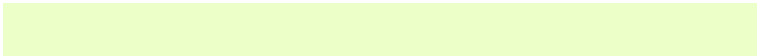
84.8770, 88.1618, -8.6810

Sweetspot

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



84.8770, -41.0127, 47.1789



96.7680, -19.8499, 25.2532



58.6172, 33.1275, 30.3229



44.5911, -9.9875, 12.7079

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.8770, -41.0127, 47.1789



90.2917, -48.7488, 53.2609



80.6010, -58.2226, 44.0091



42.6223, -5.2548, 6.4886



61.6996, -36.4399, 37.3811



17.9503, -9.8935, 10.8877

Inverse Universe

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



39.7800, 53.0003, -96.2781



35.7444, 68.8053, -133.6980



49.8971, 73.3927, -65.0075



39.3666, 1.0193, -2.4151



21.3053, 52.6502, -111.5350



6.5658, 15.6076, -29.5819

Previews

White Background



This preview shows how the HunterLab color 84.8751, -41.0106, 47.1784 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 84.8751, -41.0106, 47.1784 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 84.8751, -41.0106, 47.1784 Background



This preview shows how black text looks on a background with the HunterLab color 84.8751, -41.0106, 47.1784.



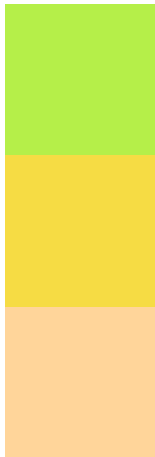
This preview shows how white text looks on a background with the HunterLab color 84.8751, -41.0106, 47.1784.

-41.0106, 47.1784.

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

84.8751, -41.0106, 47.1784

Protanopia

84.3781, -10.9115, 47.9596

Deuteranopia

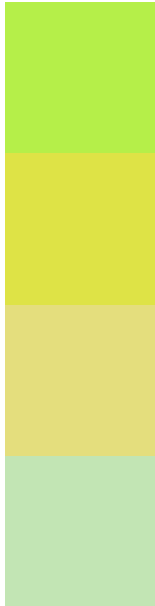
84.3692, 2.2873, 30.5437



Tritanopia

84.5835, -7.9954, -6.3536

Trichromacy



Original Color

84.8751, -41.0106, 47.1784

Protanomaly

84.2081, -22.9374, 47.4073

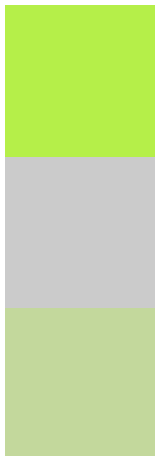
Deuteranomaly

83.7957, -14.9593, 37.6446

Tritanomaly

84.1447, -23.1424, 21.0189

Monochromacy



Original Color

84.8751, -41.0106, 47.1784

Achromatopsia

77.2788, -4.1234, 4.1987

Achromatomaly

79.4444, -19.8045, 25.1333

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.8751, -41.0106, 47.1784 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(181, 239, 73)` looks like.

```
.text, #text, p{  
    color:rgb(181, 239, 73)  
}
```

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(181, 239, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 239, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 84.8751, -41.0106, 47.1784 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(181, 239, 73) }
```


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

```
.border{ border-color:rgb(181, 239, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 239, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 239, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 239, 73);  
box-shadow:4px 4px 4px 4px rgb(181, 239,  
73) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.8751, -41.0106, 47.1784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 239, 73) }
```

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

```
.background{ background-color: rgb(181,  
239, 73) }
```

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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