

Converting Colors

HunterLab(83.2135, -41.0404,
50.5554)

Have a look what the booklet for
HunterLab(83.2135, -41.0404,
50.5554) contains.

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Color

**HunterLab(83.2108,
-41.0119, 50.5561)**

Conversions

Conversions Part 1

Format	Color
Hex	B5EB00
RGB	181, 235, 0
RGB Percent	71%, 92%, 0%
CMY	0.2902, 0.0784, 0.9999
CMYK	0.23, 0.00, 1.00, 0.08
HSL	74°, 100%, 46%
HSV	74°, 100%, 92%
XYZ	48.7643, 69.2404, 10.7946
YIQ	192.0640, 43.2510, -84.5330

Conversions

Conversions Part 2

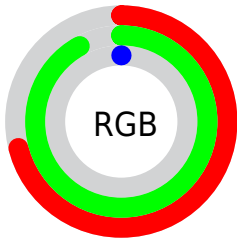
Format	Color
RYB	0, 235, 54
Decimal	11922176
CIELab	86.62, -42.07, 84.37
CIELCh	87, 94.276, 116.502
Yxy	69.2435, 0.3786, 0.5376
Android (android.graphics.Color)	4290112256 (0xFFB5EB00)
YUV	192.0640, -94.6876, -9.7031
Hunter-Lab	83.2108, -41.0119, 50.5561

Details

The HunterLab color **83.2108, -41.0119, 50.5561** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **26.0473, 67.6279, -161.6818**, and the grayscale version is **73.0074, -3.8955, 3.9666**.

A 20% lighter version of the original color is **95.3724, -28.6251, 52.2536**, and **60.3140, -34.0887, 36.5684** is the 20% darker color. If you saturate the color by 10%, you get **83.2120, -41.0166, 50.5568**, and if you desaturate by 10%, it is **83.6499, -39.2295, 50.2632**.

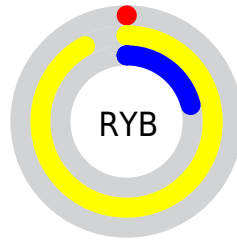
Distribution



Red (71%)

Green (92%)

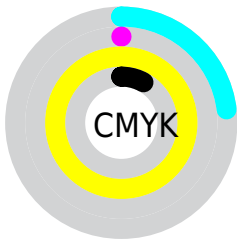
Blue (0%)



Red (0%)

Yellow (92%)

Blue (21%)

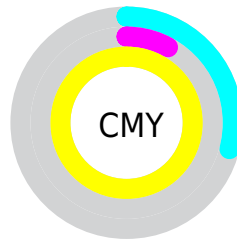


Cyan (23%)

Magenta (0%)

Yellow (100%)

Black (8%)



Cyan (29%)


Magenta (8%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.2108, -41.0119, 50.5561 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 83.2108, -41.0119, 50.5561 by changing the saturation by 10% instead.


 83.2108, -41.0119,
50.5561


 83.2108, -41.0119,
50.5561


213.9835,
-63.8635, 92.4472

 71.3513, -38.1866,
45.1118


 108.6873,
-46.4228, 60.8541


 60.1141, -35.2512,
39.4490


 122.2499,
-49.0317, 65.7442


 49.5379, -32.1801,
33.5671


 136.3340,
-51.5906, 70.4854

 39.6670, -28.9344,
27.7669

 150.9209,
-54.1073, 75.0934

 30.5559, -25.4567,
21.3891

 165.9938,
-56.5880, 79.5821

 22.2742, -21.6581,
15.5919

 181.5376,

 14.9152, -17.4570,

-59.0381, 83.9637

10.4406

197.5384,
-61.4621, 88.2489

■ 8.5637, -14.9865,
5.9946

0.0000, NaN, NaN

■ 83.2108, -41.0119,
50.5561

■ 83.2108, -41.0119,
50.5561

■ 83.2120, -41.0166,
50.5568

■ 83.6499, -39.2295,
50.2632

■ 84.1462, -37.1351,
49.3029

■ 84.7151, -34.6564,
47.4767

■ 85.3637, -31.7586,
44.6836

■ 86.0974, -28.4188,
40.8514

■ 86.9202, -24.6235,
35.9298

■ 87.8351, -20.3666,
29.8868

■ 88.8444, -15.6483,
22.7066

■ 89.9493, -10.4744,
14.3870

Harmonies

Analogous

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



83.2127, 1.1357, 52.7363



83.2108, -41.0119, 50.5561



83.2127, -67.1321, 39.3509

Triad

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



83.2127, -41.0141, 50.5565



83.2127, -48.6334, -103.6033



83.2127, 106.1793, -0.8826

Complementary

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



83.2108, -41.0119, 50.5561



26.0473, 67.6279, -161.6818

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.



83.2127, 84.9993, -58.1649



83.2108, -41.0119, 50.5561



83.2127, -9.8814, -134.8404

Square

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



83.2127, -41.0141, 50.5565



83.2127, -70.7978, -43.6184



83.2127, 39.7863, -114.7817



83.2127, 92.7241, 34.4577

Rectangle

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



83.2108, -41.0119, 50.5561



83.2127, -75.2839, 22.1833



83.2127, 39.7863, -114.7817



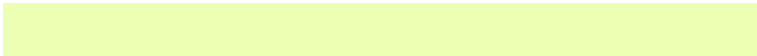
83.2127, 102.7750, -18.1099

Sweetspot

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



83.2127, -41.0141, 50.5565



96.3488, -22.4170, 32.8960



44.7504, 63.0668, 28.6778



44.3732, -11.3134, 16.5847

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.2127, -41.0141, 50.5565



91.2733, -45.0743, 55.4531



77.8456, -62.8581, 46.8669



41.7640, -4.7294, 6.4602



62.1247, -30.4087, 37.7486



17.5301, -8.0476, 10.6611

Inverse Universe

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



26.0473, 67.6279, -161.6818



28.5271, 74.1620, -177.7541



37.9096, 80.7389, -98.1582



38.3614, 0.5944, -2.5060



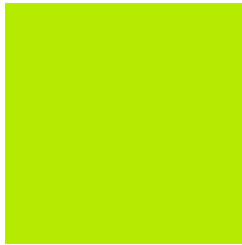
19.5509, 50.5556, -119.7227



5.8526, 14.5016, -30.9366

Previews

White Background



This preview shows how the HunterLab color 83.2108, -41.0119, 50.5561 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 83.2108, -41.0119, 50.5561 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 83.2108, -41.0119, 50.5561 Background



This preview shows how black text looks on a background with the HunterLab color 83.2108, -41.0119, 50.5561.



This preview shows how white text looks on a background with the HunterLab color 83.2108, -41.0119, 50.5561.

-41.0119, 50.5561.

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

83.2108, -41.0119, 50.5561

Protanopia

82.9812, -11.5891, 50.9297

Deuteranopia

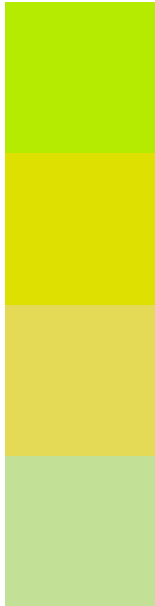
82.8313, 2.4755, 34.6764



Tritanopia

82.8350, -6.4041, -5.8700

Trichromacy



Original Color

83.2108, -41.0119, 50.5561

Protanomaly

82.8755, -23.3955, 50.6579

Deuteranomaly

82.0419, -15.7584, 43.9154

Tritanomaly

81.8429, -24.5591, 29.0983

Monochromacy



Original Color

83.2108, -41.0119, 50.5561

Achromatopsia

72.6027, -3.8739, 3.9446

Achromatomaly

75.6361, -21.8977, 31.7901

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.2108, -41.0119, 50.5561 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, 235, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 235, 0)  
}
```

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, 235, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 235, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 83.2108, -41.0119, 50.5561 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, 235, 0) }
```


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

```
.border{ border-color:rgb(181, 235, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 235, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 235, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 235, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 235,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.2108, -41.0119, 50.5561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 235, 0) }
```

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

```
.background{ background-color: rgb(181,  
235, 0) }
```

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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