

Converting Colors

HunterLab(81.6646, -36.3989,
41.9868)

Have a look what the booklet for
HunterLab(81.6646, -36.3989,
41.9868) contains.

HunterLab(81.8447, -36.5626, 42.1208)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(81.8447,
-36.5626, 42.1208)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E65E
RGB	179, 230, 94
RGB Percent	70%, 90%, 37%
CMY	0.2980, 0.0980, 0.6314
CMYK	0.22, 0.00, 0.59, 0.10
HSL	83°, 73%, 64%
HSV	83°, 59%, 90%
XYZ	48.9077, 66.9855, 20.9415
YIQ	199.2470, 13.2600, -53.1080

Conversions

Conversions Part 2

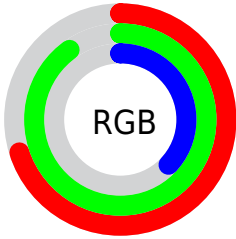
Format	Color
RYB	94, 230, 145
Decimal	11789918
CIELab	85.50, -36.82, 59.55
CIElCh	85, 70.013, 121.730
Yxy	66.9885, 0.3574, 0.4895
Android (android.graphics.Color)	4289979998 (0xFFB3E65E)
YUV	199.2470, -51.8868, -17.7566
Hunter-Lab	81.8447, -36.5626, 42.1208

Details

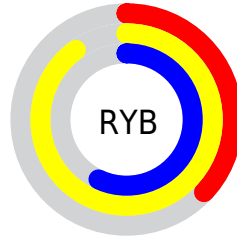
The HunterLab color **81.8447, -36.5626, 42.1208** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **44.4300, 42.6356, -71.7826**, and the grayscale version is **75.8895, -4.0493, 4.1232**.

A 20% lighter version of the original color is **95.7572, -25.6996, 40.9499**, and **58.8359, -31.2473, 33.9436** is the 20% darker color. If you saturate the color by 10%, you get **81.0181, -40.2263, 44.8558**, and if you desaturate by 10%, it is **82.7798, -32.3985, 38.3863**.

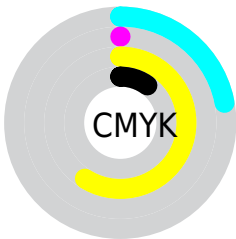
Distribution



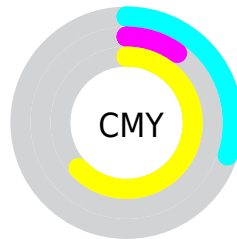
- Red (70%)
- Green (90%)
- Blue (37%)



- Red (37%)
- Yellow (90%)
- Blue (57%)



- Cyan (22%)
- Magenta (0%)
- Yellow (59%)
- Black (10%)





- Cyan (30%)
- Magenta (10%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 81.8447, -36.5626, 42.1208 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 81.8447, -36.5626, 42.1208 by changing the saturation by 10% instead.


 81.8447, -36.5626,
42.1208


 81.8447, -36.5626,
42.1208


212.1094,
-57.3720, 73.0755

 70.0538, -34.0197,
38.1269


 107.1933,
-41.4518, 49.6628


 58.8891, -31.3848,
33.9491


 120.6959,
-43.8180, 53.2510

 48.3900, -28.6357,
29.5576


 134.7222,
-46.1442, 56.7394

 38.6017, -25.7379,
24.9216

 149.2533,
-48.4372, 60.1411

 29.5802, -22.6406,
20.4741

164.2723,
-50.7023, 63.4669

 21.3972, -19.2633,
14.9780

179.7638,

 14.1495, -15.5286,

-52.9441, 66.7262

9.9046

195.7137,
-55.1663, 69.9268

■ 7.8018, -13.6531,
5.4612

0.0000, NaN, NaN

■ 81.8447, -36.5626,
42.1208

■ 81.8447, -36.5626,
42.1208

■ 81.0181, -40.2263,
44.8558

■ 82.7798, -32.3985,
38.3863

■ 80.2901, -43.3967,
46.6495


■ 83.8211, -27.7250,
33.6136


■ 79.6561, -46.1021,
47.5920


■ 84.9723, -22.5494,
27.7853


■ 79.1044, -48.4031,
47.8533

■ 86.2344, -16.8837,
20.8997

 79.0588, -48.5927,
47.8650

 87.6074, -10.7453,
12.9683

 89.0907, -4.1556,
4.0138

 90.6829, 2.8593,
-5.9277

 91.5285, 5.7155,
-4.7852

 92.2370, 8.0890,
-3.8363

Harmonies

Analogous

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



81.8465, -6.3750, 45.8738



81.8447, -36.5626, 42.1208



81.8465, -55.1995, 29.1591

Triad

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



81.8465, -36.5647, 42.1214



81.8465, -33.6132, -73.3909



81.8465, 73.4914, 6.3472

Complementary

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



81.8447, -36.5626, 42.1208



44.4300, 42.6356, -71.7826

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.



81.8465, 63.0076, -31.6315



81.8447, -36.5626, 42.1208



81.8465, -2.3486, -87.6615

Square

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



81.8465, -36.5647, 42.1214



81.8465, -53.7055, -36.4077



81.8465, 33.7235, -69.9196



81.8465, 60.3980, 31.2823

Rectangle

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



81.8447, -36.5626, 42.1208



81.8465, -60.4479, 13.0617



81.8465, 33.7235, -69.9196



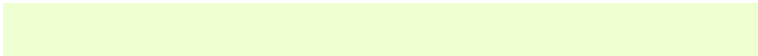
81.8465, 72.6009, -5.2012

Sweetspot

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



81.8465, -36.5647, 42.1214



97.0920, -18.2947, 22.6318



61.2696, 22.7404, 27.9037



44.7194, -9.3596, 11.5915

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.8465, -36.5647, 42.1214



90.8796, -46.0775, 50.9721



78.0119, -51.8184, 39.1144



40.6608, -5.0857, 6.1492



59.5448, -36.3171, 36.0554



16.3484, -9.2233, 9.9123

Inverse Universe

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



44.4300, 42.6356, -71.7826



42.2474, 59.6867, -105.6948



52.6286, 61.8870, -50.8302



37.6153, 1.0406, -2.2504



21.0376, 51.4018, -105.5850



6.1542, 14.4229, -26.1288

Previews

White Background



This preview shows how the HunterLab color 81.8447, -36.5626, 42.1208 looks on a white background.

Color Contrast Check

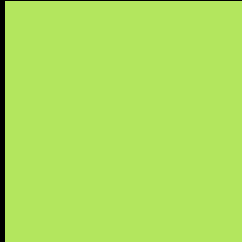
Large Text (above 18pt) WCAG AA × Fail

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 81.8447, -36.5626, 42.1208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

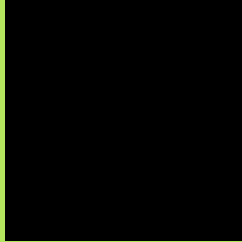
Any Text WCAG AA ✓ Pass

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 81.8447, -36.5626, 42.1208 Background



This preview shows how black text looks on a background with the HunterLab color 81.8447, -36.5626, 42.1208.



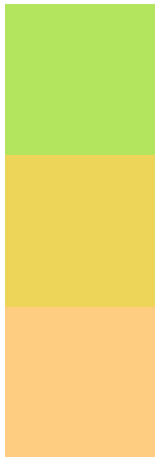
This preview shows how white text looks on a background with the HunterLab color 81.8447,

-36.5626, 42.1208.

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

81.8447, -36.5626, 42.1208

Protanopia

81.4336, -9.8453, 43.1254

Deuteranopia

81.5686, 4.0940, 34.9830



Tritanopia

81.7712, -7.1258, -5.6341

Trichromacy



Original Color

81.8447, -36.5626, 42.1208



Protanomaly

81.2510, -20.1765, 42.4909



Deuteranomaly

81.0607, -12.0760, 37.4282



Tritanomaly

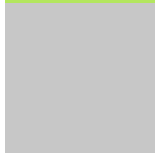
81.2634, -20.2247, 17.4308

Monochromacy



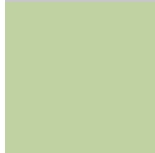
Original Color

81.8447, -36.5626, 42.1208



Achromatopsia

75.5728, -4.0324, 4.1060



Achromatomaly

77.3776, -17.2578, 21.5412

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.8447, -36.5626, 42.1208 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(179, 230, 94)` looks like.

```
.text, #text, p{  
    color:rgb(179, 230, 94)  
}
```

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(179, 230, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 230, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 81.8447, -36.5626, 42.1208 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(179, 230, 94) }
```


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

```
.border{ border-color:rgb(179, 230, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 230, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 230, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 230, 94);  
box-shadow:4px 4px 4px 4px rgb(179, 230,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.8447, -36.5626, 42.1208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 230, 94) }
```

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

```
.background{ background-color: rgb(179,  
230, 94) }
```

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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