

Converting Colors

HunterLab(83.7019, -42.3476,
38.4143)

Have a look what the booklet for
HunterLab(83.7019, -42.3476,
38.4143) contains.

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Color

**HunterLab(83.7630,
-42.5820, 38.5153)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A2EE77 |
| RGB | 162, 238, 119 |
| RGB Percent | 64%, 93%, 47% |
| CMY | 0.3647, 0.0666, 0.5333 |
| CMYK | 0.32, 0.00, 0.50, 0.07 |
| HSL | 98°, 78%, 70% |
| HSV | 98°, 50%, 93% |
| XYZ | 48.8046, 70.1624, 28.4232 |
| YIQ | 201.7100, -7.0970, -53.1210 |

Conversions

Conversions Part 2

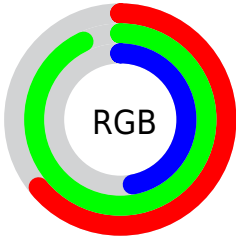
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 119, 238, 195 |
| Decimal | 10677879 |
| CIELab | 87.08, -43.91, 49.90 |
| CIELCh | 87, 66.468, 131.349 |
| Yxy | 70.1654, 0.3311, 0.4760 |
| Android (android.graphics.Color) | 4288867959 (0xFFA2EE77) |
| YUV | 201.7100, -40.7760, -34.8257 |
| Hunter-Lab | 83.7630, -42.5820, 38.5153 |

Details

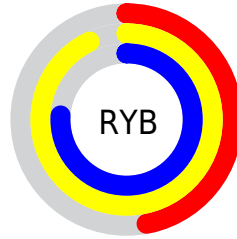
The HunterLab color **83.7630, -42.5820, 38.5153** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **55.6516, 45.4646, -51.0933**, and the grayscale version is **76.9002, -4.1032, 4.1781**.

A 20% lighter version of the original color is **94.7379, -28.5917, 33.1342**, and **60.7564, -36.8257, 31.7633** is the 20% darker color. If you saturate the color by 10%, you get **82.5630, -47.9580, 42.2259**, and if you desaturate by 10%, it is **85.1470, -36.4392, 33.7883**.

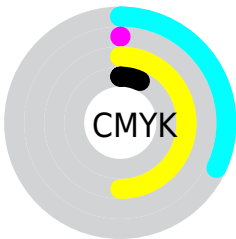
Distribution



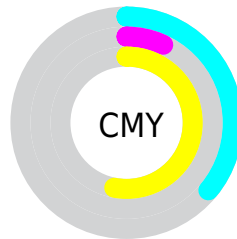
- Red (64%)
- Green (93%)
- Blue (47%)



- Red (47%)
- Yellow (93%)
- Blue (76%)



- Cyan (32%)
- Magenta (0%)
- Yellow (50%)
- Black (7%)





- Cyan (36%)
- Magenta (7%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.7630, -42.5820, 38.5153 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 83.7630, -42.5820, 38.5153 by changing the saturation by 10% instead.


 83.7630, -42.5820,
38.5153


 83.7630, -42.5820,
38.5153


214.7395,
-66.1499, 65.1495

 71.8759, -39.6574,
35.1316


 109.2907,
-48.1752, 44.9339

 60.6096, -36.6170,
31.5995


 122.8774,
-50.8693, 48.0028

 50.0026, -33.4338,
27.8898


 136.9847,
-53.5098, 50.9963

 40.0986, -30.0672,
23.9658

151.5940,
-56.1050, 53.9252

 30.9517, -26.4579,
19.7871

166.6886,
-58.6615, 56.7981

 22.6306, -22.5146,
15.8414

182.2534,

 15.2272, -18.1486,

-61.1848, 59.6224

10.6591

198.2746,
-63.6797, 62.4045

■ 8.8520, -15.4909,
6.1964

0.0000, NaN, NaN

■ 83.7630, -42.5820,
38.5153

■ 83.7630, -42.5820,
38.5153

■ 82.5630, -47.9580,
42.2259

■ 85.1470, -36.4392,
33.7883

■ 81.5385, -52.5449,
44.9397


■ 86.7102, -29.5560,
28.0457


■ 80.6861, -56.3450,
46.7087


■ 88.4534, -21.9765,
21.3104

■ 79.9970, -59.3819,
47.6217

■ 90.3740, -13.7508,
13.6201

 79.4545, -61.7336,
47.8787

 92.4681, -4.9336,
5.0237

 79.4545, -61.7337,
47.8787

 94.4952, 3.1483,
-1.0780

 94.6742, 3.7548,
-0.8449

Harmonies

Analogous

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



83.7648, -16.6595, 44.8997



83.7630, -42.5820, 38.5153



83.7648, -56.7450, 21.7348

Triad

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



83.7648, -42.5838, 38.5159



83.7648, -23.9111, -75.7059



83.7648, 67.6815, 15.6422

Complementary

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



83.7630, -42.5820, 38.5153



55.6516, 45.4646, -51.0933

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.



83.7648, 64.9291, -17.2573



83.7630, -42.5820, 38.5153



83.7648, 8.4506, -79.4078

Square

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



83.7648, -42.5838, 38.5159



83.7648, -47.1788, -46.2442



83.7648, 41.9650, -54.9732



83.7648, 48.9855, 35.5551

Rectangle

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



83.7630, -42.5820, 38.5153



83.7648, -59.1769, 3.1184



83.7648, 41.9650, -54.9732



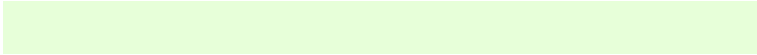
83.7648, 69.3022, 5.9755

Sweetspot

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



83.7648, -42.5838, 38.5159



96.6614, -19.4524, 19.0606



76.3276, 1.9864, 33.5096



44.5187, -9.8633, 9.6217

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.7648, -42.5838, 38.5159



89.2612, -51.9847, 45.7427



81.7434, -50.1399, 32.9013



42.3489, -6.2282, 6.1760



59.4012, -45.8745, 35.7996



17.2905, -12.5737, 10.4342

Inverse Universe

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



55.6516, 45.4646, -51.0933



53.8177, 60.2000, -70.0115



60.5424, 56.3933, -29.4796



39.6601, 2.0133, -2.0193



26.9148, 58.8878, -81.7953



8.1150, 17.4276, -22.1238

Previews

White Background



This preview shows how the HunterLab color 83.7630, -42.5820, 38.5153 looks on a white background.

Color Contrast Check

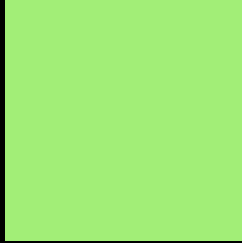
Large Text (above 18pt) WCAG AA × Fail

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 83.7630, -42.5820, 38.5153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

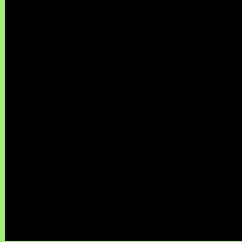
Any Text WCAG AA ✓ Pass

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 83.7630, -42.5820, 38.5153 Background



This preview shows how black text looks on a background with the HunterLab color 83.7630, -42.5820, 38.5153.



This preview shows how white text looks on a background with the HunterLab color 83.7630, -42.5820, 38.5153.

-42.5820, 38.5153.

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

83.7630, -42.5820, 38.5153

Protanopia

83.2591, -9.1951, 40.2267

Deuteranopia

83.1236, 4.0498, 30.4079



Tritanopia

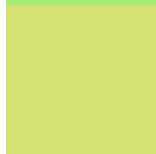
83.4669, -13.5310, -8.4768

Trichromacy



Original Color

83.7630, -42.5820, 38.5153



Protanomaly

83.1176, -22.6773, 39.2497



Deuteranomaly

82.7180, -15.1246, 33.1977



Tritanomaly

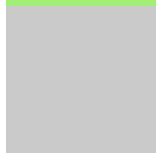
83.1768, -25.8612, 13.1469

Monochromacy



Original Color

83.7630, -42.5820, 38.5153



Achromatopsia

76.8517, -4.1006, 4.1755



Achromatomaly

78.8316, -19.6664, 18.8768

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.7630, -42.5820, 38.5153 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(162, 238, 119)` looks like.

```
.text, #text, p{  
    color:rgb(162, 238, 119)  
}
```

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(162, 238, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 238, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 83.7630, -42.5820, 38.5153 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(162, 238, 119) }
```


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

```
.border{ border-color:rgb(162, 238, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 238, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 238, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 238, 119);  
box-shadow:4px 4px 4px 4px rgb(162, 238,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.7630, -42.5820, 38.5153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 238, 119) }
```

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

```
.background{ background-color: rgb(162,  
238, 119) }
```

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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