

Converting Colors

HunterLab(83.6600, -60.9140,
42.9339)

Have a look what the booklet for
HunterLab(83.6600, -60.9140,
42.9339) contains.

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Color

**HunterLab(83.4921,
-60.8139, 42.8628)**

Conversions

Conversions Part 1

Format	Color
Hex	5EF75E
RGB	94, 247, 94
RGB Percent	37%, 97%, 37%
CMY	0.6314, 0.0314, 0.6314
CMYK	0.62, 0.00, 0.62, 0.03
HSL	120°, 91%, 67%
HSV	120°, 62%, 97%
XYZ	39.8972, 69.7093, 21.9421
YIQ	183.8110, -42.0750, -80.0190

Conversions

Conversions Part 2

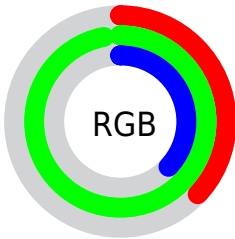
Format	Color
RYB	94, 247, 247
Decimal	6223710
CIELab	86.86, -68.96, 60.08
CIELCh	87, 91.463, 138.939
Yxy	69.7122, 0.3033, 0.5299
Android (android.graphics.Color)	4284413790 (0xFF5EF75E)
YUV	183.8110, -44.2768, -78.7642
Hunter-Lab	83.4921, -60.8139, 42.8628

Details

The HunterLab color $83.4921, -60.8139, 42.8628$ is a dark color, and the websafe version is hex $66FF66$. The color can be described as middle muted green. A complement of this color would be $58.7332, 76.9856, -51.2914$, and the grayscale version is $69.3476, -3.7002, 3.7678$.

A 20% lighter version of the original color is $90.0338, -47.5594, 35.9213$, and $60.4339, -51.0696, 34.7076$ is the 20% darker color. If you saturate the color by 10%, you get $82.6038, -64.9888, 45.6855$, and if you desaturate by 10%, it is $84.7053, -55.2158, 39.0773$.

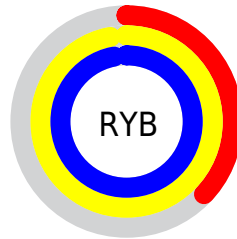
Distribution



Red (37%)

Green (97%)

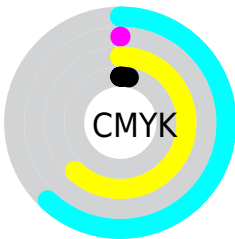
Blue (37%)



Red (37%)

Yellow (97%)

Blue (97%)

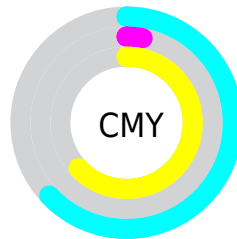


Cyan (62%)

Magenta (0%)

Yellow (62%)

Black (3%)



Cyan (63%)

Magenta (3%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.4921, -60.8139, 42.8628 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 83.4921, -60.8139, 42.8628 by changing the saturation by 10% instead.

83.4921, -60.8139,
42.8628

83.4921, -60.8139,
42.8628

214.3686,
-94.6667, 73.9444

71.6184, -56.4341,
38.8594

108.9946,
-69.0683, 50.4283

60.3664, -51.8360,
34.6746

122.5695,
-72.9920, 54.0300

49.7745, -46.9707,
30.2790

136.6654,
-76.8060, 57.5325

39.8867, -41.7691,
25.6420

151.2637,
-80.5252, 60.9489

30.7573, -36.1336,
21.0630

166.3477,
-84.1615, 64.2897

22.4555, -29.9217,
15.7189

181.9022,

15.0739, -25.3130,

-87.7251, 67.5642

10.5517

197.9134,
-91.2245, 70.7803

■ 8.7118, -15.2456,
6.0982

0.0000, NaN, NaN

■ 83.4921, -60.8139,
42.8628

■ 83.4921, -60.8139,
42.8628

■ 82.6038, -64.9888,
45.6855

■ 84.7053, -55.2158,
39.0773

■ 82.0119, -67.7937,
47.5824


■ 86.2527, -48.1955,
34.3311


■ 81.6836, -69.3598,
48.6416


■ 88.1427, -39.8101,
28.6628

■ 81.5624, -69.9397,
49.0338

■ 90.3755, -30.1556,
22.1377

 92.9458, -19.3549,
14.8393

 95.8439, -7.5463,
6.8614

 97.4701, -1.0792,
2.4929

Harmonies

Analogous

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



83.4938, -31.0520, 51.2043



83.4921, -60.8139, 42.8628



83.4938, -74.2570, 19.0138

Triad

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



83.4938, -60.8152, 42.8632



83.4938, -20.6221, -125.7266



83.4938, 95.6996, 27.3351

Complementary

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



83.4921, -60.8139, 42.8628



58.7332, 76.9856, -51.2914

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.



83.4938, 100.1803, -13.0905



83.4921, -60.8139, 42.8628



83.4938, 25.9437, -119.0799

Square

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



83.4938, -60.8152, 42.8632



83.4938, -54.5958, -85.9647



83.4938, 72.4623, -70.8913



83.4938, 61.2844, 46.1442

Rectangle

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



83.4921, -60.8139, 42.8628



83.4938, -74.6148, -9.4809



83.4938, 72.4623, -70.8913



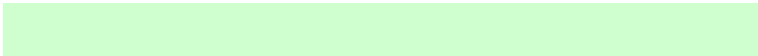
83.4938, 100.9961, 16.4933

Sweetspot

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



83.4938, -60.8152, 42.8632



94.4477, -28.1230, 20.8289



93.3314, -22.4867, 50.3894



43.3587, -14.4428, 10.6040

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.4938, -60.8152, 42.8632



85.4901, -68.1368, 47.8784



84.7498, -53.1507, 24.5118



42.9791, -7.5902, 5.9372



59.3136, -50.8614, 35.6582



17.5843, -15.0785, 10.5712

Inverse Universe

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



58.7332, 76.9856, -51.2914



56.9309, 92.4287, -61.8251



55.4092, 63.0304, -5.7146



40.9491, 3.3746, -1.5558



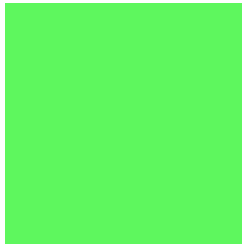
37.4289, 73.5861, -49.3633



11.0963, 21.8156, -14.6345

Previews

White Background



This preview shows how the HunterLab color 83.4921, -60.8139, 42.8628 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 83.4921, -60.8139, 42.8628 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

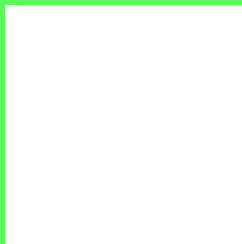
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 83.4921, -60.8139, 42.8628 Background



This preview shows how black text looks on a background with the HunterLab color 83.4921, -60.8139, 42.8628.



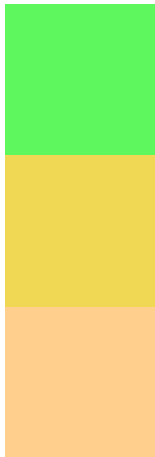
This preview shows how white text looks on a background with the HunterLab color 83.4921, -60.8139, 42.8628.

-60.8139, 42.8628.

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

83.4921, -60.8139, 42.8628

Protanopia

82.6395, -10.4177, 44.5737

Deuteranopia

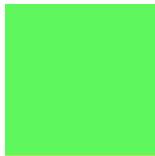
82.6407, 3.5593, 32.9061



Tritanopia

83.0419, -26.3539, -13.8653

Trichromacy



Original Color

83.4921, -60.8139, 42.8628



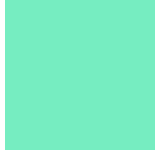
Protanomaly

81.3680, -33.3126, 42.8280



Deuteranomaly

80.8910, -25.6553, 35.4188



Tritanomaly

82.6258, -42.2358, 13.9712

Monochromacy



Original Color

83.4921, -60.8139, 42.8628



Achromatopsia

69.2330, -3.6941, 3.7616



Achromatomaly

73.1022, -28.6428, 20.7976

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.4921, -60.8139, 42.8628 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(94, 247, 94)` looks like.

```
.text, #text, p{  
    color:rgb(94, 247, 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(94, 247, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 247, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 83.4921, -60.8139, 42.8628 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(94, 247, 94) }
```


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

```
.border{ border-color:rgb(94, 247, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 247, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 247, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 247, 94);  
box-shadow:4px 4px 4px 4px rgb(94, 247,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.4921, -60.8139, 42.8628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 247, 94) }
```

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

```
.background{ background-color: rgb(94, 247,  
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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