

Converting Colors

HunterLab(83.4369, -65.9502,
38.0787)

Have a look what the booklet for
HunterLab(83.4369, -65.9502,
38.0787) contains.

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Color

**HunterLab(83.4741,
-65.9850, 38.1073)**

Conversions

Conversions Part 1

Format	Color
Hex	00FA76
RGB	0, 250, 118
RGB Percent	0%, 98%, 46%
CMY	0.9999, 0.0196, 0.5372
CMYK	1.00, 0.00, 0.53, 0.02
HSL	148°, 100%, 49%
HSV	148°, 100%, 98%
XYZ	37.4556, 69.6793, 28.6149
YIQ	160.2020, -106.6280, -94.0520

Conversions

Conversions Part 2

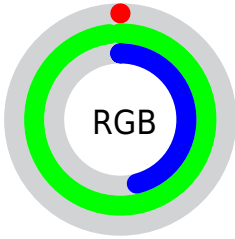
Format	Color
RYB	0, 170, 250
Decimal	64118
CIELab	86.84, -76.70, 49.20
CIELCh	87, 91.123, 147.320
Yxy	69.6821, 0.2759, 0.5133
Android (android.graphics.Color)	4278254198 (0xFF00FA76)
YUV	160.2020, -20.8056, -140.4972
Hunter-Lab	83.4741, -65.9850, 38.1073

Details

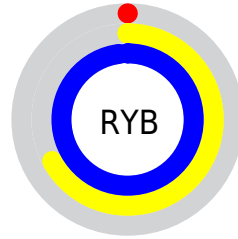
The HunterLab color **83.4741, -65.9850, 38.1073** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **46.8950, 83.8607, 2.7584**, and the grayscale version is **59.4894, -3.1742, 3.2322**.

A 20% lighter version of the original color is **88.4206, -53.0448, 27.0456**, and **61.7097, -50.7082, 32.3326** is the 20% darker color. If you saturate the color by 10%, you get **83.4756, -65.9868, 38.1092**, and if you desaturate by 10%, it is **83.8004, -64.2197, 35.2694**.

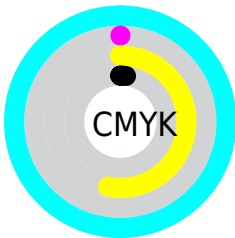
Distribution



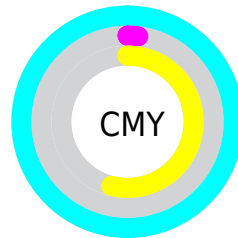
- Red (0%)
- Green (98%)
- Blue (46%)



- Red (0%)
- Yellow (67%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (2%)





- Cyan (100%)
- Magenta (2%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.4741, -65.9850, 38.1073 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 83.4741, -65.9850, 38.1073 by changing the saturation by 10% instead.


 83.4741, -65.9850,
38.1073

 83.4741, -65.9850,
38.1073


214.3439,
-103.1114, 64.4557


 71.6013, -61.1403,
34.7622


 108.9749,
-75.0885, 44.4532


 60.3502, -56.0450,
31.2709


 122.5490,
-79.4042, 47.4881

 49.7593, -50.6434,
27.6036


 136.6441,
-83.5921, 50.4490

 39.8726, -44.8588,
23.7237

 151.2417,
-87.6689, 53.3465

 30.7444, -38.5839,
19.5899

 166.3250,
-91.6486, 56.1891

 22.4439, -31.6673,
15.7107

181.8788,

 15.0637, -26.3615,

-95.5427, 58.9843

10.5446

197.8893,
-99.3609, 61.7380

■ 8.7023, -15.2291,
6.0916

0.0000, NaN, NaN

■ 83.4741, -65.9850,
38.1073

■ 83.4741, -65.9850,
38.1073

■ 83.4756, -65.9868,
38.1092

■ 83.8004, -64.2197,
35.2694

■ 84.3080, -61.6467,
32.2008

■ 85.0444, -58.0973,
28.9589

■ 86.0331, -53.5071,
25.5912

■ 87.2904, -47.8564,
22.1461

■ 88.8258, -41.1629,
18.6710

■ 90.6440, -33.4742,
15.2112

■ 92.7450, -24.8606,
11.8082

■ 95.1250, -15.4082,
8.4981

Harmonies

Analogous

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



83.4758, -40.8807, 49.7858



83.4741, -65.9850, 38.1073



83.4758, -75.0139, 8.3362

Triad

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



83.4758, -65.9859, 38.1078



83.4758, -8.5034, -128.3440



83.4758, 88.1739, 34.3888

Complementary

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



83.4741, -65.9850, 38.1073



46.8950, 83.8607, 2.7584

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.



83.4758, 101.9264, 0.5647



83.4741, -65.9850, 38.1073



83.4758, 39.5274, -108.1062

Square

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



83.4758, -65.9859, 38.1078



83.4758, -46.5766, -99.9987



83.4758, 82.5081, -53.9169



83.4758, 48.1284, 48.5871

Rectangle

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



83.4741, -65.9850, 38.1073



83.4758, -72.5454, -24.1679



83.4758, 82.5081, -53.9169



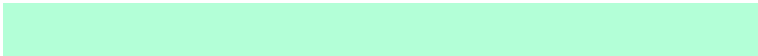
83.4758, 96.3539, 25.6870

Sweetspot

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



83.4758, -65.9859, 38.1078



92.6986, -34.2663, 15.5702



85.6670, -58.4159, 51.7647



42.5074, -17.4435, 7.8922

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.4758, -65.9859, 38.1078



85.3725, -67.5003, 39.0055



86.4668, -47.7579, -4.9799



44.0972, -6.9054, 3.8591



60.8182, -47.9117, 27.4101



18.5662, -14.2257, 7.5030

Inverse Universe

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



46.8950, 83.8607, 2.7584



47.9576, 85.7555, 2.8759



45.1036, 77.2802, 28.8305



41.6874, 2.5261, 0.8860



34.1959, 61.2316, 1.3982



10.5094, 19.0062, -1.0280

Previews

White Background



This preview shows how the HunterLab color 83.4741, -65.9850, 38.1073 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 83.4741, -65.9850, 38.1073 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 83.4741, -65.9850, 38.1073 Background



This preview shows how black text looks on a background with the HunterLab color 83.4741, -65.9850, 38.1073.



This preview shows how white text looks on a background with the HunterLab color 83.4741, -65.9850, 38.1073.

-65.9850, 38.1073.

Color Blindness Simulation

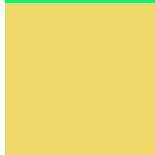
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

83.4741, -65.9850, 38.1073



Protanopia

82.6617, -9.8737, 40.9825



Deuteranopia

82.4384, 4.5746, 31.3202



Tritanopia

83.1347, -32.7031, -16.2173

Trichromacy



Original Color

83.4741, -65.9850, 38.1073



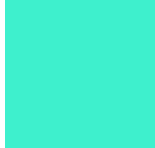
Protanomaly

79.4933, -41.8387, 37.2483



Deuteranomaly

78.8887, -34.5786, 30.4996



Tritanomaly

82.3117, -48.2673, 8.2716

Monochromacy



Original Color

83.4741, -65.9850, 38.1073



Achromatopsia

59.2902, -3.1636, 3.2213



Achromatomaly

65.5813, -34.0375, 15.5967

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.4741, -65.9850, 38.1073 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(0, 250, 118)` looks like.

```
.text, #text, p{  
    color:rgb(0, 250, 118)  
}
```

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(0, 250, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 250, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 83.4741, -65.9850, 38.1073 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(0, 250, 118) }
```


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

```
.border{ border-color:rgb(0, 250, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 250, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 250, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 250, 118);  
box-shadow:4px 4px 4px 4px rgb(0, 250,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.4741, -65.9850, 38.1073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 250, 118) }
```

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

```
.background{ background-color: rgb(0, 250,  
118) }
```

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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