

Converting Colors

HunterLab(83.4755, -65.7105,
37.5130)

Have a look what the booklet for
HunterLab(83.4755, -65.7105,
37.5130) contains.

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Color

**HunterLab(83.5175,
-65.7153, 37.4709)**

Conversions

Conversions Part 1

Format	Color
Hex	00FA79
RGB	0, 250, 121
RGB Percent	0%, 98%, 47%
CMY	0.9999, 0.0196, 0.5255
CMYK	1.00, 0.00, 0.52, 0.02
HSL	149°, 100%, 49%
HSV	149°, 100%, 98%
XYZ	37.6368, 69.7517, 29.5690
YIQ	160.5440, -107.5910, -93.1190

Conversions

Conversions Part 2

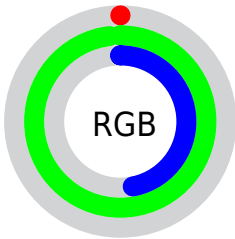
Format	Color
RYB	0, 168, 250
Decimal	64121
CIELab	86.88, -76.26, 47.86
CIELCh	87, 90.033, 147.891
Yxy	69.7546, 0.2748, 0.5093
Android (android.graphics.Color)	4278254201 (0xFF00FA79)
YUV	160.5440, -19.4952, -140.7971
Hunter-Lab	83.5175, -65.7153, 37.4709

Details

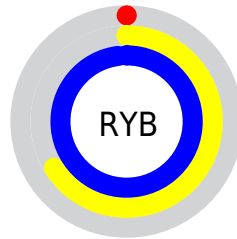
The HunterLab color **83.5175, -65.7153, 37.4709** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **46.8087, 83.5464, 3.9920**, and the grayscale version is **59.6246, -3.1814, 3.2395**.

A 20% lighter version of the original color is **88.4870, -52.6450, 26.0821**, and **61.7387, -50.5276, 31.9066** is the 20% darker color. If you saturate the color by 10%, you get **83.5190, -65.7172, 37.4731**, and if you desaturate by 10%, it is **83.8447, -63.9453, 34.6209**.

Distribution



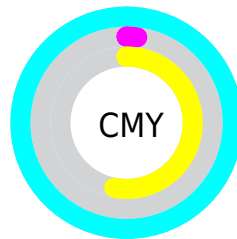
- Red (0%)
- Green (98%)
- Blue (47%)



- Red (0%)
- Yellow (66%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (2%)





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

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.5175, -65.7153, 37.4709 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 83.5175, -65.7153, 37.4709 by changing the saturation by 10% instead.


 83.5175, -65.7153,
37.4709


 83.5175, -65.7153,
37.4709


214.4033,
-102.6522, 63.2386

 71.6425, -60.8978,
34.2075


 109.0223,
-74.7694, 43.6664


 60.3891, -55.8316,
30.8029


 122.5983,
-79.0623, 46.6316


 49.7958, -50.4617,
27.2276


 136.6953,
-83.2285, 49.5261

 39.9065, -44.7116,
23.4450

 151.2946,
-87.2847, 52.3600

 30.7755, -38.4749,
19.4125

 166.3796,
-91.2445, 55.1417

 22.4719, -31.6005,
15.7303


181.9350,

 15.0882, -26.4044,


-95.1196, 57.8782


10.5618


197.9472,
-98.9194, 60.5755


 8.7250, -15.2687,
6.1075


0.0000, NaN, NaN


 83.5175, -65.7153,
37.4709


 83.5175, -65.7153,
37.4709

 83.5190, -65.7172,
37.4731

 83.8447, -63.9453,
34.6209

 84.3522, -61.3749,
31.5568

 85.0871, -57.8361,
28.3371

 86.0733, -53.2643,
25.0095

■ 87.3267, -47.6397,
21.6222

■ 88.8571, -40.9791,
18.2220

■ 90.6690, -33.3295,
14.8535

■ 92.7627, -24.7601,
11.5566

■ 95.1344, -15.3559,
8.3661

Harmonies

Analogous

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



83.5192, -41.1226, 49.4257



83.5175, -65.7153, 37.4709



83.5192, -74.3952, 7.5112

Triad

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



83.5192, -65.7162, 37.4714



83.5192, -7.6130, -126.1579



83.5192, 86.3307, 34.5559

Complementary

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



83.5175, -65.7153, 37.4709



46.8087, 83.5464, 3.9920

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.



83.5192, 100.4741, 1.4683



83.5175, -65.7153, 37.4709



83.5192, 39.8705, -105.4440

Square

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



83.5192, -65.7162, 37.4714



83.5192, -45.5639, -99.1855



83.5192, 81.9407, -51.9273



83.5192, 46.5441, 48.4758

Rectangle

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



83.5175, -65.7153, 37.4709



83.5192, -71.7486, -24.8148



83.5192, 81.9407, -51.9273



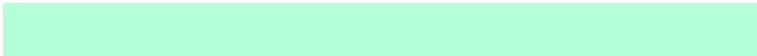
83.5192, 94.5671, 26.0406

Sweetspot

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



83.5192, -65.7162, 37.4714



92.7241, -34.1188, 15.2041



85.4721, -59.2172, 51.6305



42.5205, -17.3671, 7.7038

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.5192, -65.7162, 37.4714



85.4169, -67.2247, 38.3551



86.6128, -46.8856, -7.0453



44.1013, -6.8827, 3.8011



60.8500, -47.7144, 26.9444



18.5760, -14.1646, 7.3589

Inverse Universe

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



46.8087, 83.5464, 3.9920



47.8692, 85.4340, 4.1379



45.0936, 77.2425, 28.9808



41.6831, 2.5029, 0.9475



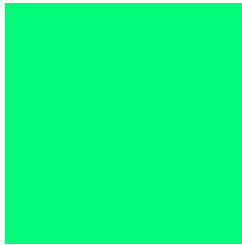
34.1329, 61.0026, 2.2967



10.4904, 18.9375, -0.7598

Previews

White Background



This preview shows how the HunterLab color 83.5175, -65.7153, 37.4709 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 83.5175, -65.7153, 37.4709 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 83.5175, -65.7153, 37.4709 Background



This preview shows how black text looks on a background with the HunterLab color 83.5175, -65.7153, 37.4709.



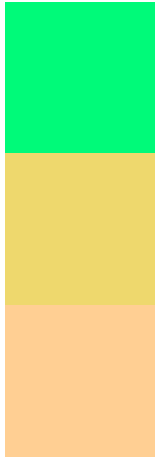
This preview shows how white text looks on a background with the HunterLab color 83.5175, -65.7153, 37.4709.

-65.7153, 37.4709.

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

83.5175, -65.7153, 37.4709

Protanopia

82.7001, -9.6608, 40.4177

Deuteranopia

82.4574, 4.6764, 31.0436



Tritanopia

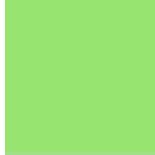
83.4851, -33.0589, -16.3247

Trichromacy



Original Color

83.5175, -65.7153, 37.4709



Protanomaly

79.5351, -41.5900, 36.6350



Deuteranomaly

78.9251, -34.3653, 29.9688



Tritanomaly

82.6795, -48.5723, 8.2227

Monochromacy



Original Color

83.5175, -65.7153, 37.4709



Achromatopsia

59.6993, -3.1854, 3.2436



Achromatomaly

65.6049, -33.8971, 15.2555

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.5175, -65.7153, 37.4709 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, 121)` looks like.

```
.text, #text, p{  
    color:rgb(0, 250, 121)  
}
```

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, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 250, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 83.5175, -65.7153, 37.4709 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, 121) }
```


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

```
.border{ border-color:rgb(0, 250, 121) }
```

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, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 250, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 250, 121);  
box-shadow:4px 4px 4px 4px rgb(0, 250,  
121) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.5175, -65.7153, 37.4709 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, 121) }
```

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

```
.background{ background-color: rgb(0, 250,  
121) }
```

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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