

# Converting Colors

HunterLab(84.1552, -65.3415,  
35.8668)

Have a look what the booklet for  
HunterLab(84.1552, -65.3415,  
35.8668) contains.

<b>HunterLab(84.0274, -65.2060, 35.7341)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(84.0274,  
-65.2060, 35.7341)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FB82
RGB	0, 251, 130
RGB Percent	0%, 98%, 51%
CMY	0.9999, 0.0157, 0.4902
CMYK	1.00, 0.00, 0.48, 0.02
HSL	151°, 100%, 49%
HSV	151°, 100%, 98%
XYZ	38.5264, 70.6060, 32.7168
YIQ	162.1570, -110.7550, -90.8430

# Conversions

## Conversions Part 2

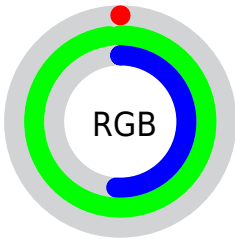
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 165, 251
Decimal	64386
CIELab	87.29, -75.19, 44.13
CIELCh	87, 87.190, 149.590
Yxy	70.6089, 0.2716, 0.4978
Android (android.graphics.Color)	4278254466 (0xFF00FB82)
YUV	162.1570, -15.8534, -142.2117
Hunter-Lab	84.0274, -65.2060, 35.7341

# Details

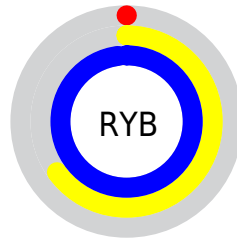
The HunterLab color **84.0274, -65.2060, 35.7341** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **46.7881, 83.0754, 7.3550**, and the grayscale version is **60.2719, -3.2160, 3.2747**.

A 20% lighter version of the original color is **88.6948, -51.3956, 23.0714**, and **62.2013, -50.1806, 30.5793** is the 20% darker color. If you saturate the color by 10%, you get **84.0289, -65.2080, 35.7365**, and if you desaturate by 10%, it is **84.3571, -63.4237, 32.8547**.

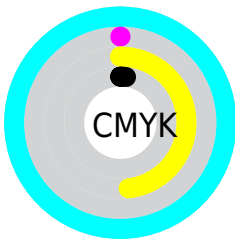
# Distribution



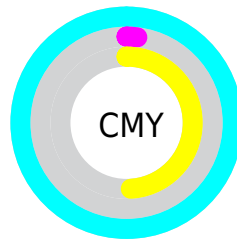
- Red (0%)
- Green (98%)
- Blue (51%)



- Red (0%)
- Yellow (65%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (2%)




- Cyan (100%)
- Magenta (2%)
- Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.0274, -65.2060, 35.7341 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 84.0274, -65.2060, 35.7341 by changing the saturation by 10% instead.




 84.0274, -65.2060,  
35.7341


 84.0274, -65.2060,  
35.7341


215.1012,  
-101.6479, 59.8937

 72.1270, -60.4620,  
32.6992


 109.5795,  
-74.1281, 41.5110


 60.8469, -55.4760,  
29.5378


 123.1777,  
-78.3611, 44.2831


 50.2252, -50.1941,  
26.2223


 137.2960,  
-82.4707, 46.9936

 40.3054, -44.5422,  
22.7170

 151.9160,  
-86.4731, 49.6517

 31.1414, -38.4164,  
18.9773

 167.0209,  
-90.3817, 52.2650

 22.8015, -31.6690,  
15.4293

182.5958,

 15.3771, -26.9099,

-94.2076, 54.8396

10.7640

198.6267,  
-97.9604, 57.3810

■ 8.9864, -15.7263,  
6.2905

0.0000, NaN, NaN

■ 84.0274, -65.2060,  
35.7341

■ 84.0274, -65.2060,  
35.7341

■ 84.0289, -65.2080,  
35.7365

■ 84.3571, -63.4237,  
32.8547

■ 84.8649, -60.8579,  
29.8067

■ 85.5980, -57.3410,  
26.6506

■ 86.5800, -52.8075,  
23.4354

■ 87.8272, -47.2367,  
20.2085

■ 89.3494, -40.6434,  
17.0152

■ 91.1515, -33.0725,  
13.8974

■ 93.2337, -24.5907,  
10.8919

■ 95.5927, -15.2807,  
8.0295

# Harmonies

## Analogous

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



84.0291, -41.9742, 48.5465



84.0274, -65.2060, 35.7341



84.0291, -72.9095, 5.1425

# Triad

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



84.0291, -65.2069, 35.7346



84.0291, -5.0871, -120.4645



84.0291, 81.4489, 35.1709

# Complementary

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



84.0274, -65.2060, 35.7341



46.7881, 83.0754, 7.3550

# 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.



84.0291, 96.7343, 4.0013



84.0274, -65.2060, 35.7341



84.0291, 40.9960, -98.3884

# Square

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



84.0291, -65.2069, 35.7346



84.0291, -42.8196, -97.2314



84.0291, 80.6284, -46.5752



84.0291, 42.2484, 48.3571



# Rectangle

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



84.0274, -65.2060, 35.7341



84.0291, -69.7315, -26.7634



84.0291, 80.6284, -46.5752



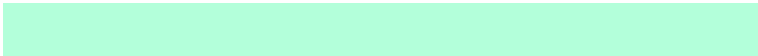
84.0291, 89.8705, 27.1418

# Sweetspot

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



84.0291, -65.2069, 35.7346



92.7968, -33.6977, 14.1592



85.4902, -61.0162, 51.6101



42.5579, -17.1487, 7.1649

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.0291, -65.2069, 35.7346



85.5498, -66.3996, 36.4079



85.6607, -44.4251, -11.1667



44.1128, -6.8185, 3.6365



60.9450, -47.1249, 25.5531



18.6051, -13.9845, 6.9337



# Inverse Universe

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



46.7881, 83.0754, 7.3550



47.6324, 84.5708, 7.5326



45.3886, 77.2131, 29.3193



41.6709, 2.4376, 1.1209



33.9637, 60.3864, 4.7183

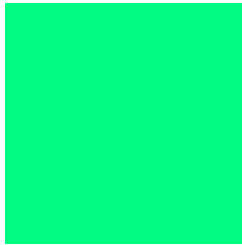


10.4388, 18.7506, -0.0289



# Previews

## White Background



This preview shows how the HunterLab color 84.0274, -65.2060, 35.7341 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 84.0274, -65.2060, 35.7341 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

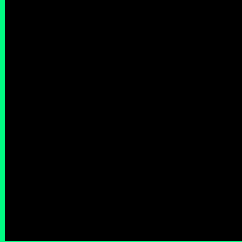
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

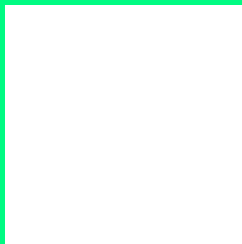
Any Text WCAG AAA ✓ Pass

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

## HunterLab 84.0274, -65.2060, 35.7341 Background



This preview shows how black text looks on a background with the HunterLab color 84.0274, -65.2060, 35.7341.



This preview shows how white text looks on a background with the HunterLab color 84.0274, -65.2060, 35.7341.

-65.2060, 35.7341.

# Color Blindness Simulation

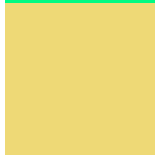
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

84.0274, -65.2060, 35.7341



### Protanopia

83.1329, -9.4754, 38.8364



### Deuteranopia

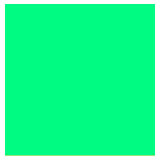
82.8884, 4.8904, 29.2930



## Tritanopia

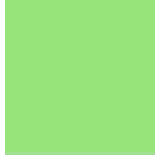
83.6873, -32.2874, -16.0243

# Trichromacy



## Original Color

84.0274, -65.2060, 35.7341



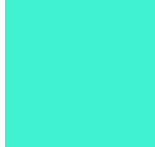
## Protanomaly

80.0144, -41.2106, 34.9397



## Deuteranomaly

79.3959, -34.0252, 28.3233



## Tritanomaly

82.8780, -47.5393, 6.6175

# Monochromacy



## Original Color

84.0274, -65.2060, 35.7341



## Achromatopsia

60.1088, -3.2073, 3.2658



## Achromatomaly

66.0826, -33.5554, 14.2441

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.0274, -65.2060, 35.7341 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, 251, 130)` looks like.

```
.text, #text, p{  
    color:rgb(0, 251, 130)  
}
```

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, 251, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 251, 130) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.0274, -65.2060, 35.7341 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, 251, 130) }
```



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

```
.border{ border-color:rgb(0, 251, 130) }
```

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

Here you see how a box with a 4 pixel rgb(0, 251, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 251, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 251, 130);  
box-shadow:4px 4px 4px 4px rgb(0, 251,  
130) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.0274, -65.2060, 35.7341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 251, 130) }
```

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

```
.background{ background-color: rgb(0, 251,  
130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor