

# Converting Colors

HunterLab(83.1624, -60.9086,  
27.5405)

Have a look what the booklet for  
HunterLab(83.1624, -60.9086,  
27.5405) contains.

<b>HunterLab(83.0397, -60.7410, 27.3300)</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(83.0397,  
-60.7410, 27.3300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00F79D
RGB	0, 247, 157
RGB Percent	0%, 97%, 62%
CMY	0.9999, 0.0314, 0.3843
CMYK	1.00, 0.00, 0.36, 0.03
HSL	158°, 100%, 48%
HSV	158°, 100%, 97%
XYZ	39.3466, 68.9559, 43.1344
YIQ	162.8870, -118.3220, -80.3540

# Conversions

## Conversions Part 2

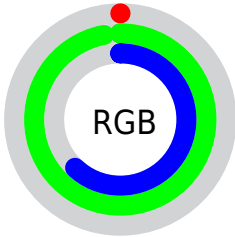
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 151, 247
Decimal	63389
CIELab	86.48, -69.09, 29.81
CIELCh	86, 75.246, 156.664
Yxy	68.9587, 0.2598, 0.4553
Android (android.graphics.Color)	4278253469 (0xFF00F79D)
YUV	162.8870, -2.9023, -142.8519
Hunter-Lab	83.0397, -60.7410, 27.3300

# Details

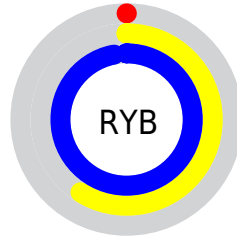
The HunterLab color **83.0397, -60.7410, 27.3300** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **45.2925, 79.1924, 16.6252**, and the grayscale version is **60.5232, -3.2294, 3.2883**.

A 20% lighter version of the original color is **89.3220, -47.4938, 12.8633**, and **61.1679, -46.4988, 23.9230** is the 20% darker color. If you saturate the color by 10%, you get **83.0411, -60.7434, 27.3334**, and if you desaturate by 10%, it is **83.3550, -59.0582, 24.6668**.

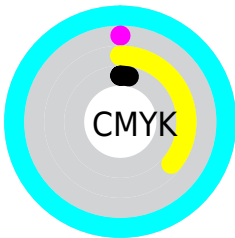
# Distribution



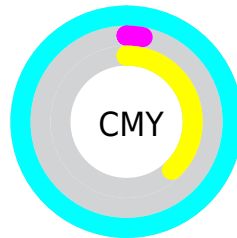
- Red (0%)
- Green (97%)
- Blue (62%)



- Red (0%)
- Yellow (59%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (3%)




- Cyan (100%)
- Magenta (3%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.0397, -60.7410, 27.3300 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 83.0397, -60.7410, 27.3300 by changing the saturation by 10% instead.





 83.0397, -60.7410,  
27.3300


 83.0397, -60.7410,  
27.3300


213.7487,  
-94.6790, 45.5759


 71.1885, -56.3458,  
25.1296


 108.5000,  
-69.0200, 31.5756


 59.9604, -51.7306,  
22.8578


 122.0551,  
-72.9544, 33.6397


 49.3938, -46.8455,  
20.4954


 136.1320,  
-76.7783, 35.6746

 39.5332, -41.6202,  
18.0150

 150.7119,  
-80.5066, 37.6859

 30.4332, -35.9557,  
15.3782

 165.7781,  
-84.1514, 39.6783

 22.1638, -29.7073,  
12.5299


181.3154,

 14.8187, -25.3566,


-87.7229, 41.6554


10.3731


197.3098,  
-91.2297, 43.6204


 8.4721, -14.8262,  
5.9305


0.0000, NaN, NaN


 83.0397, -60.7410,  
27.3300


 83.0397, -60.7410,  
27.3300

 83.0411, -60.7434,  
27.3334

 83.3550, -59.0582,  
24.6668

 83.8350, -56.6730,  
21.9816

 84.5257, -53.4213,  
19.3381

 85.4503, -49.2374,  
16.7829

■ 86.6249, -44.0961,  
14.3576

■ 88.0596, -38.0054,  
12.0987

■ 89.7597, -31.0004,  
10.0367

■ 91.7264, -23.1379,  
8.1956

■ 93.9572, -14.4893,  
6.5927

# Harmonies

## Analogous

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



83.0414, -43.2014, 42.8282



83.0397, -60.7410, 27.3300



83.0414, -64.5288, -3.8270

# Triad

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



83.0414, -60.7417, 27.3306



83.0414, 4.0860, -96.3349



83.0414, 61.5671, 35.8982

# Complementary

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



83.0397, -60.7410, 27.3300



45.2925, 79.1924, 16.6252

# 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.



83.0414, 79.8556, 12.0818



83.0397, -60.7410, 27.3300



83.0414, 43.0763, -71.3210

# Square

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



83.0414, -60.7417, 27.3306



83.0414, -31.0735, -86.1597



83.0414, 72.5502, -27.4432



83.0414, 26.0516, 46.0215



# Rectangle

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



83.0397, -60.7410, 27.3300



83.0414, -59.4779, -32.4622



83.0414, 72.5502, -27.4432



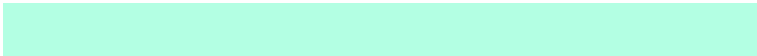
83.0414, 70.1955, 29.7554

# Sweetspot

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



83.0414, -60.7417, 27.3306



93.0575, -32.1906, 10.4192



82.9019, -64.2583, 49.9583



42.6930, -16.3629, 5.2261

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.0414, -60.7417, 27.3306



86.0995, -63.0029, 28.3882



74.0583, -31.1314, -25.3614



43.1849, -6.4405, 2.9919



60.4124, -44.0298, 19.5374



17.9649, -12.7158, 4.9952



# Inverse Universe

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



45.2925, 79.1924, 16.6252



46.9563, 82.0944, 17.3175



45.6730, 72.1096, 29.4049



40.7214, 2.1546, 1.6808



32.9746, 57.7296, 11.5436

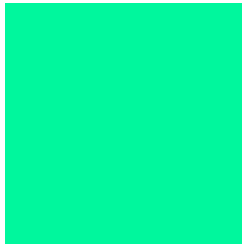


9.8726, 17.4696, 2.0190



# Previews

## White Background



This preview shows how the HunterLab color 83.0397, -60.7410, 27.3300 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

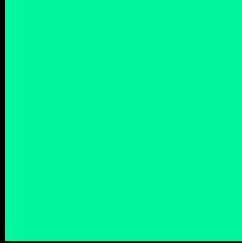
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.0397, -60.7410, 27.3300 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

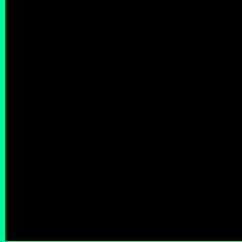
Any Text WCAG AA ✓ Pass

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 83.0397, -60.7410, 27.3300 Background



This preview shows how black text looks on a background with the HunterLab color 83.0397, -60.7410, 27.3300.



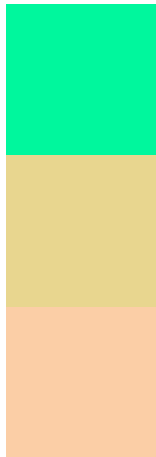
This preview shows how white text looks on a background with the HunterLab color 83.0397, -60.7410, 27.3300.

-60.7410, 27.3300.

# 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

83.0397, -60.7410, 27.3300

### Protanopia

81.9952, -7.9037, 31.5960

### Deuteranopia

82.1006, 5.7714, 24.6380



## Tritanopia

82.8243, -33.8908, -16.6800

# Trichromacy



## Original Color

83.0397, -60.7410, 27.3300



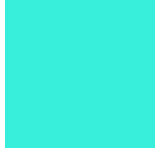
## Protanomaly

79.2633, -37.9245, 27.2207



## Deuteranomaly

78.6326, -30.9952, 21.7836



## Tritanomaly

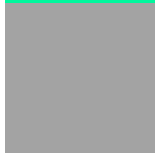
82.2555, -45.7989, 1.5770

# Monochromacy



## Original Color

83.0397, -60.7410, 27.3300



## Achromatopsia

60.5188, -3.2291, 3.2881



## Achromatomaly

66.4077, -31.7215, 10.2606

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.0397, -60.7410, 27.3300 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, 247, 157)` looks like.

```
.text, #text, p{  
    color:rgb(0, 247, 157)  
}
```

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, 247, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 247, 157) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.0397, -60.7410, 27.3300 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, 247, 157) }
```



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

```
.border{ border-color:rgb(0, 247, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 247, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 247, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 247, 157);  
box-shadow:4px 4px 4px 4px rgb(0, 247,  
157) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.0397, -60.7410, 27.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 247, 157) }
```

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

```
.background{ background-color: rgb(0, 247,  
157) }
```

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