

# Converting Colors

HunterLab(85.9341, -64.0532,  
30.8599)

Have a look what the booklet for  
HunterLab(85.9341, -64.0532,  
30.8599) contains.

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# Color

**HunterLab(85.9378,  
-63.9996, 30.7420)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FF9A
RGB	0, 255, 154
RGB Percent	0%, 100%, 60%
CMY	0.9999, 0.0000, 0.3961
CMYK	1.00, 0.00, 0.40, 0.00
HSL	156°, 100%, 50%
HSV	156°, 100%, 100%
XYZ	41.5927, 73.8531, 42.6347
YIQ	167.2410, -119.5590, -85.4710

# Conversions

## Conversions Part 2

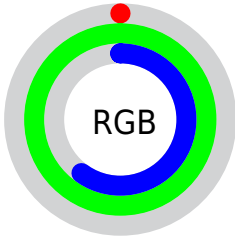
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 159, 255
Decimal	65434
CIELab	88.85, -72.35, 34.46
CIELCh	89, 80.137, 154.530
Yxy	73.8533, 0.2631, 0.4672
Android (android.graphics.Color)	4278255514 (0xFF00FF9A)
YUV	167.2410, -6.5278, -146.6704
Hunter-Lab	85.9378, -63.9996, 30.7420

# Details

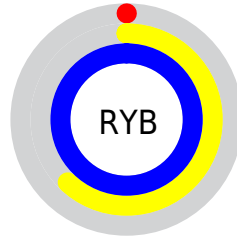
The HunterLab color **85.9378, -63.9996, 30.7420** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **47.1175, 82.6822, 14.9813**, and the grayscale version is **62.3274, -3.3256, 3.3864**.

A 20% lighter version of the original color is **89.3131, -47.6970, 14.1551**, and **63.9467, -49.4787, 26.8825** is the 20% darker color. If you saturate the color by 10%, you get **85.9377, -64.0005, 30.7440**, and if you desaturate by 10%, it is **86.2656, -62.2292, 27.8941**.

# Distribution



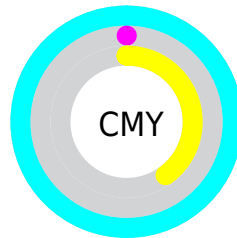
- Red (0%)
- Green (100%)
- Blue (60%)



- Red (0%)
- Yellow (62%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)




- Cyan (100%)
- Magenta (0%)
- Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.9378, -63.9996, 30.7420 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 85.9378, -63.9996, 30.7420 by changing the saturation by 10% instead.





 85.9378, -63.9996,  
30.7420

 85.9378, -63.9996,  
30.7420


217.7078,  
-99.0931, 50.8164

 73.9419, -59.4566,  
28.2890


 111.6637,  
-72.5586, 35.4525

 62.5626, -54.6919,  
25.7516


 125.3443,  
-76.6282, 37.7341

 51.8356, -49.6548,  
23.1074


 139.5420,  
-80.5836, 39.9778

 41.8032, -44.2774,  
20.3273

 154.2386,  
-84.4399, 42.1898

 32.5173, -38.4646,  
17.3716

 169.4177,  
-88.2094, 44.3757

 24.0437, -32.0800,  
14.1861


185.0645,

 16.4693, -26.4625,


-91.9025, 46.5397


11.5285


201.1654,  
-95.5279, 48.6855


 9.9171, -17.3549,  
6.9420


0.0000, NaN, NaN


 85.9378, -63.9996,  
30.7420


 85.9378, -63.9996,  
30.7420

 85.9377, -64.0005,  
30.7440

 86.2656, -62.2292,  
27.8941

 86.7689, -59.7115,  
24.9871

 87.4938, -56.2763,  
22.0848

 88.4644, -51.8554,  
19.2363

■ 89.6975, -46.4235,  
16.4869

■ 91.2035, -39.9906,  
13.8771

■ 92.9879, -32.5959,  
11.4416

■ 95.0516, -24.3005,  
9.2090

■ 97.3917, -15.1816,  
7.2007

# Harmonies

## Analogous

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



85.9380, -44.2819, 45.9639



85.9378, -63.9996, 30.7420



85.9380, -69.0440, -1.3558

# Triad

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



85.9380, -63.9989, 30.7413



85.9380, 1.6218, -106.1572



85.9380, 69.0914, 36.8701

# Complementary

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



85.9378, -63.9996, 30.7420



47.1175, 82.6822, 14.9813

# 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.



85.9380, 87.1960, 10.3034



85.9378, -63.9996, 30.7420



85.9380, 43.9390, -81.0007

# Square

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



85.9380, -63.9989, 30.7413



85.9380, -35.4639, -92.1419



85.9380, 77.2362, -33.4818



85.9380, 31.3702, 48.1851



# Rectangle

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



85.9378, -63.9996, 30.7420



85.9380, -64.3776, -31.9356



85.9380, 77.2362, -33.4818



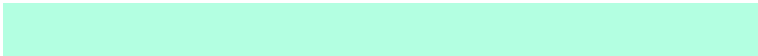
85.9380, 77.9605, 30.0170

# Sweetspot

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



85.9380, -63.9989, 30.7413



92.9860, -32.6035, 11.4439



86.2240, -65.5145, 51.9834



42.6558, -16.5788, 5.7588

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.9380, -63.9989, 30.7413



85.9377, -64.0005, 30.7440



79.7103, -36.0147, -21.8844



45.1137, -6.8098, 3.2890



62.1450, -46.1130, 21.8689



19.4469, -14.0473, 6.0172



# Inverse Universe

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



47.1175, 82.6822, 14.9813



47.1166, 82.6830, 14.9853



46.8806, 76.3494, 30.2233



42.5515, 2.3330, 1.5900



34.0987, 59.9153, 10.2490

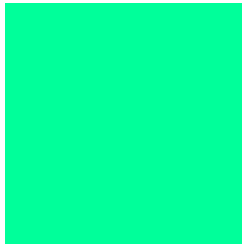


10.7373, 19.0518, 1.7924



# Previews

## White Background



This preview shows how the HunterLab color 85.9378, -63.9996, 30.7420 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

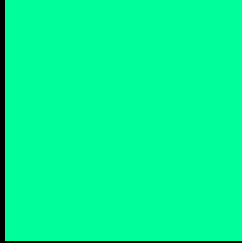
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.9378, -63.9996, 30.7420 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

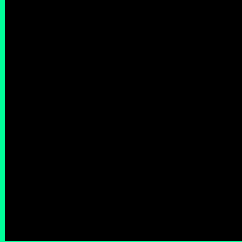
Any Text WCAG AA ✓ Pass

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 85.9378, -63.9996, 30.7420 Background



This preview shows how black text looks on a background with the HunterLab color 85.9378, -63.9996, 30.7420.



This preview shows how white text looks on a background with the HunterLab color 85.9378, -63.9996, 30.7420.

-63.9996, 30.7420.

# Color Blindness Simulation

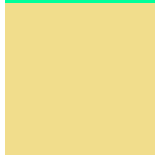
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

85.9378, -63.9996, 30.7420



### Protanopia

85.0336, -8.4463, 34.9499



### Deuteranopia

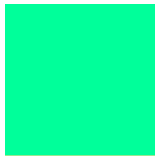
84.8196, 4.7122, 23.9978



## Tritanopia

85.7567, -29.7267, -13.0869

# Trichromacy



## Original Color

85.9378, -63.9996, 30.7420



## Protanomaly

81.9112, -40.0802, 30.3816



## Deuteranomaly

81.2147, -33.0696, 22.7754



## Tritanomaly

84.9212, -46.2459, 5.2086

# Monochromacy



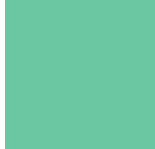
## Original Color

85.9378, -63.9996, 30.7420



## Achromatopsia

62.1634, -3.3169, 3.3775



## Achromatomaly

68.2053, -33.2859, 11.7307

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.9378, -63.9996, 30.7420 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, 255, 154)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 154)  
}
```

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, 255, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 154) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.9378, -63.9996, 30.7420 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, 255, 154) }
```



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

```
.border{ border-color:rgb(0, 255, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 154);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
154) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.9378, -63.9996, 30.7420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 154) }
```

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

```
.background{ background-color: rgb(0, 255,  
154) }
```

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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