

Converting Colors

HunterLab(85.6231, -65.9451,
35.3350)

Have a look what the booklet for
HunterLab(85.6231, -65.9451,
35.3350) contains.

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Color

**HunterLab(85.6307,
-65.8984, 35.2248)**

Conversions

Conversions Part 1

Format	Color
Hex	00FF89
RGB	0, 255, 137
RGB Percent	0%, 100%, 54%
CMY	0.9999, 0.0000, 0.4627
CMYK	1.00, 0.00, 0.46, 0.00
HSL	152°, 100%, 50%
HSV	152°, 100%, 100%
XYZ	40.2754, 73.3262, 35.6975
YIQ	165.3030, -114.1020, -90.7580

Conversions

Conversions Part 2

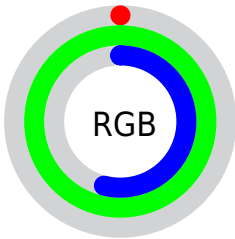
Format	Color
RYB	0, 166, 255
Decimal	65417
CIELab	88.60, -75.32, 42.44
CIELCh	89, 86.456, 150.601
Yxy	73.3264, 0.2698, 0.4911
Android (android.graphics.Color)	4278255497 (0xFF00FF89)
YUV	165.3030, -13.9534, -144.9707
Hunter-Lab	85.6307, -65.8984, 35.2248

Details

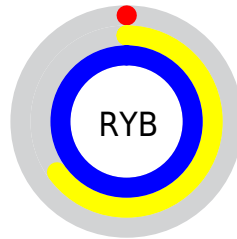
The HunterLab color **85.6307, -65.8984, 35.2248** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **47.5066, 84.1083, 9.3489**, and the grayscale version is **61.5566, -3.2845, 3.3445**.

A 20% lighter version of the original color is **88.9038, -50.2190, 20.6451**, and **63.7090, -50.9552, 30.3669** is the 20% darker color. If you saturate the color by 10%, you get **85.6306, -65.8990, 35.2262**, and if you desaturate by 10%, it is **85.9634, -64.0902, 32.2937**.

Distribution



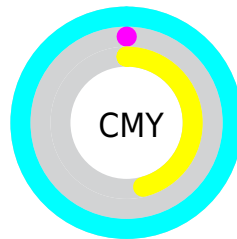
- Red (0%)
- Green (100%)
- Blue (54%)



- Red (0%)
- Yellow (65%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.6307, -65.8984, 35.2248 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 85.6307, -65.8984, 35.2248 by changing the saturation by 10% instead.


 85.6307, -65.8984,
35.2248


 85.6307, -65.8984,
35.2248


217.2890,
-102.2653, 58.6089

 73.6498, -61.1736,
32.3036


 111.3285,
-74.7891, 40.7937

 62.2863, -56.2137,
29.2667


 124.9959,
-79.0114, 43.4718


 51.5761, -50.9655,
26.0870


 139.1809,
-83.1122, 46.0936

 41.5617, -45.3577,
22.7304

 153.8652,
-87.1075, 48.6676

 32.2953, -39.2908,
19.1533

 169.0325,
-91.0104, 51.2006

 23.8430, -32.6237,
15.4949

184.6678,

 16.2924, -27.2109,

-94.8317, 53.6987

11.4047

200.7574,
-98.5807, 56.1667

■ 9.7678, -17.0937,
6.8375

0.0000, NaN, NaN

■ 85.6307, -65.8984,
35.2248

■ 85.6307, -65.8984,
35.2248

■ 85.6306, -65.8990,
35.2262

■ 85.9634, -64.0902,
32.2937

■ 86.4775, -61.4960,
29.2181

■ 87.2193, -57.9447,
26.0592

■ 88.2129, -53.3691,
22.8671

■ 89.4750, -47.7469,
19.6896

■ 91.0158, -41.0922,
16.5718

■ 92.8402, -33.4490,
13.5548

■ 94.9487, -24.8840,
10.6740

■ 97.3382, -15.4797,
7.9586

Harmonies

Analogous

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



85.6308, -43.0989, 48.7386



85.6307, -65.8984, 35.2248



85.6308, -73.1426, 3.8236

Triad

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



85.6308, -65.8977, 35.2241



85.6308, -3.6958, -119.0304



85.6308, 79.8863, 36.0585

Complementary

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



85.6307, -65.8984, 35.2248



47.5066, 84.1083, 9.3489

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.



85.6308, 96.0421, 5.4903



85.6307, -65.8984, 35.2248



85.6308, 42.2569, -95.8863

Square

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



85.6308, -65.8977, 35.2241



85.6308, -41.8586, -97.5552



85.6308, 81.0774, -44.2695



85.6308, 40.4347, 49.0236

Rectangle

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



85.6307, -65.8984, 35.2248



85.6308, -69.6013, -28.2946



85.6308, 81.0774, -44.2695



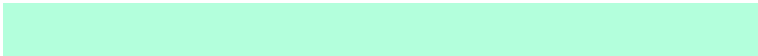
85.6308, 88.5366, 28.1807

Sweetspot

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



85.6308, -65.8977, 35.2241



92.8387, -33.4550, 13.5570



86.8578, -62.8736, 52.4203



42.5796, -17.0226, 6.8538

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.6308, -65.8977, 35.2241



85.6306, -65.8990, 35.2262



85.6952, -43.4052, -13.4113



45.0903, -6.9401, 3.6229



61.9233, -47.4829, 25.1032



19.3793, -14.4637, 7.0004

Inverse Universe

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



47.5066, 84.1083, 9.3489



47.5059, 84.1089, 9.3521



46.3087, 78.2789, 29.9049



42.5758, 2.4634, 1.2439



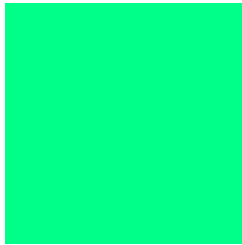
34.3828, 60.9552, 6.1435



10.8298, 19.3885, 0.4694

Previews

White Background



This preview shows how the HunterLab color 85.6307, -65.8984, 35.2248 looks on a white background.

Color Contrast Check

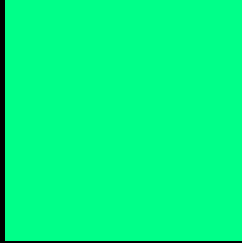
Large Text (above 18pt) WCAG AA × Fail

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 85.6307, -65.8984, 35.2248 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 85.6307, -65.8984, 35.2248 Background



This preview shows how black text looks on a background with the HunterLab color 85.6307, -65.8984, 35.2248.



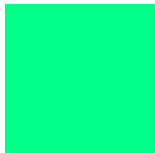
This preview shows how white text looks on a background with the HunterLab color 85.6307, -65.8984, 35.2248.

-65.8984, 35.2248.

Color Blindness Simulation

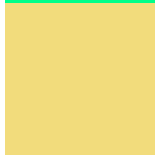
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.6307, -65.8984, 35.2248



Protanopia

84.5688, -9.0070, 38.5844



Deuteranopia

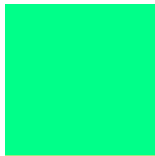
84.6395, 3.7443, 26.6103



Tritanopia

85.2813, -29.7656, -13.7451

Trichromacy



Original Color

85.6307, -65.8984, 35.2248



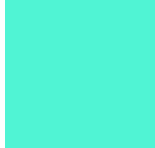
Protanomaly

81.6902, -41.5091, 34.5365



Deuteranomaly

80.9744, -34.4733, 26.2628



Tritanomaly

84.3566, -47.0230, 7.3782

Monochromacy



Original Color

85.6307, -65.8984, 35.2248



Achromatopsia

61.3402, -3.2730, 3.3327



Achromatomaly

67.6446, -34.1053, 13.9049

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.6307, -65.8984, 35.2248 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 85.6307, -65.8984, 35.2248 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, 137) }
```


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

```
.border{ border-color:rgb(0, 255, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.6307, -65.8984, 35.2248 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, 137) }
```

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

```
.background{ background-color: rgb(0, 255,  
137) }
```

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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