

Converting Colors

HunterLab(83.7282, -88.5152,
27.1118)

Have a look what the booklet for
HunterLab(83.7282, -88.5152,
27.1118) contains.

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Color

**HunterLab(86.0166,
-63.5136, 29.5943)**

Conversions

Conversions Part 1

Format	Color
Hex	00FF9E
RGB	0, 255, 158
RGB Percent	0%, 100%, 62%
CMY	0.9999, 0.0000, 0.3804
CMYK	1.00, 0.00, 0.38, 0.00
HSL	157°, 100%, 50%
HSV	157°, 100%, 100%
XYZ	41.9315, 73.9886, 44.4189
YIQ	167.6970, -120.8430, -84.2270

Conversions

Conversions Part 2

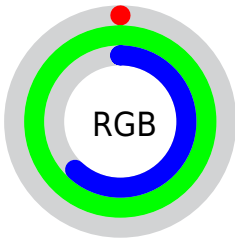
Format	Color
RYB	0, 157, 255
Decimal	65438
CIELab	88.92, -71.60, 32.56
CIELCh	89, 78.652, 155.546
Yxy	73.9889, 0.2615, 0.4614
Android (android.graphics.Color)	4278255518 (0xFF00FF9E)
YUV	167.6970, -4.7806, -147.0703
Hunter-Lab	86.0166, -63.5136, 29.5943

Details

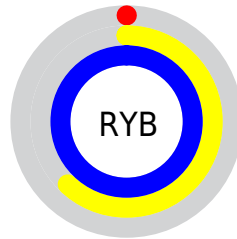
The HunterLab color **86.0166, -63.5136, 29.5943** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **47.0362, 82.3837, 16.1634**, and the grayscale version is **62.5088, -3.3353, 3.3962**.

A 20% lighter version of the original color is **89.4254, -47.0285, 12.5431**, and **64.0102, -49.0851, 25.9533** is the 20% darker color. If you saturate the color by 10%, you get **86.0165, -63.5144, 29.5963**, and if you desaturate by 10%, it is **86.3421, -61.7593, 26.7829**.

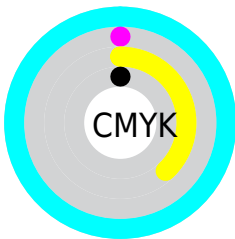
Distribution



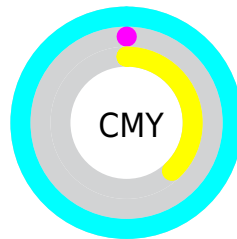
- Red (0%)
- Green (100%)
- Blue (62%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.0166, -63.5136, 29.5943 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 86.0166, -63.5136, 29.5943 by changing the saturation by 10% instead.


 86.0166, -63.5136,
29.5943


 86.0166, -63.5136,
29.5943


217.8153,
-98.2866, 48.8942

 74.0168, -59.0163,
27.2510


 111.7497,
-71.9892, 34.1040

 62.6335, -54.3007,
24.8308


 125.4337,
-76.0203, 36.2929


 51.9022, -49.3167,
22.3127


 139.6346,
-79.9391, 38.4480

 41.8652, -43.9973,
19.6691

 154.3343,
-83.7604, 40.5755

 32.5744, -38.2486,
16.8620

 169.5165,
-87.4963, 42.6800

 24.0953, -31.9352,
13.8384

185.1663,

 16.5148, -26.2773,

-91.1572, 44.7659

11.5461

201.2700,
-94.7515, 46.8363

■ 9.9555, -17.4221,
6.9688

0.0000, NaN, NaN

■ 86.0166, -63.5136,
29.5943

■ 86.0166, -63.5136,
29.5943

■ 86.0165, -63.5144,
29.5963

■ 86.3421, -61.7593,
26.7829

■ 86.8418, -59.2663,
23.9312

■ 87.5616, -55.8646,
21.1032

■ 88.5260, -51.4854,
18.3480

■ 89.7515, -46.1028,
15.7099

■ 91.2487, -39.7258,
13.2282

■ 93.0231, -32.3923,
10.9362

■ 95.0759, -24.1623,
8.8608

■ 97.4043, -15.1118,
7.0217

Harmonies

Analogous

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



86.0168, -44.5359, 45.2262



86.0166, -63.5136, 29.5943



86.0168, -68.0192, -2.6165

Triad

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



86.0168, -63.5129, 29.5936



86.0168, 2.8891, -103.1131



86.0168, 66.5407, 37.0443

Complementary

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



86.0166, -63.5136, 29.5943



47.0362, 82.3837, 16.1634

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.



86.0168, 85.0693, 11.3924



86.0166, -63.5136, 29.5943



86.0168, 44.2991, -77.5620

Square

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



86.0168, -63.5129, 29.5936



86.0168, -33.8999, -90.7939



86.0168, 76.2716, -31.0234



86.0168, 29.2502, 47.9636

Rectangle

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



86.0166, -63.5136, 29.5943



86.0168, -63.0777, -32.7766



86.0168, 76.2716, -31.0234



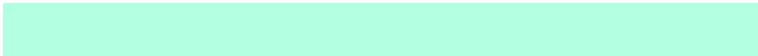
86.0168, 75.4497, 30.4272

Sweetspot

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



86.0168, -63.5129, 29.5936



93.0213, -32.3998, 10.9383



86.0835, -66.1029, 51.8865



42.6741, -16.4723, 5.4961

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

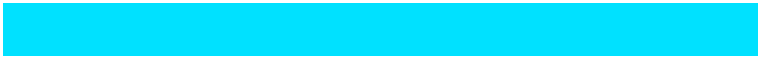
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0168, -63.5129, 29.5936



86.0165, -63.5144, 29.5963



78.2352, -34.1401, -24.0874



45.1192, -6.7790, 3.2101



62.2017, -45.7631, 21.0426



19.4640, -13.9426, 5.7699

Inverse Universe

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



47.0362, 82.3837, 16.1634



47.0353, 82.3845, 16.1673



47.0926, 75.6429, 30.3416



42.5458, 2.3024, 1.6711



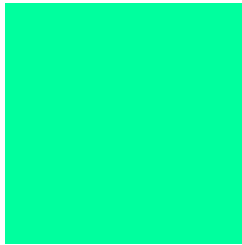
34.0391, 59.6966, 11.1146



10.7174, 18.9790, 2.0794

Previews

White Background



This preview shows how the HunterLab color 86.0166, -63.5136, 29.5943 looks on a white background.

Color Contrast Check

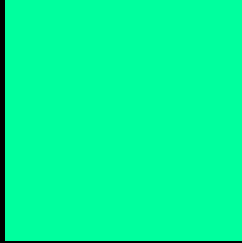
Large Text (above 18pt) WCAG AA × Fail

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 86.0166, -63.5136, 29.5943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

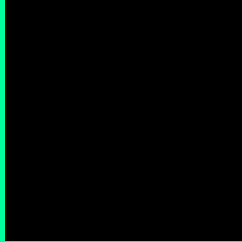
Any Text WCAG AA ✓ Pass

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 86.0166, -63.5136, 29.5943 Background



This preview shows how black text looks on a background with the HunterLab color 86.0166, -63.5136, 29.5943.



This preview shows how white text looks on a background with the HunterLab color 86.0166, -63.5136, 29.5943.

-63.5136, 29.5943.

Color Blindness Simulation

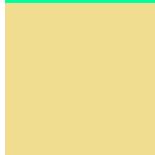
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.0166, -63.5136, 29.5943



Protanopia

85.0010, -8.4197, 33.8254



Deuteranopia

84.8663, 4.9627, 23.3216



Tritanopia

85.8022, -29.5554, -13.0212

Trichromacy



Original Color

86.0166, -63.5136, 29.5943



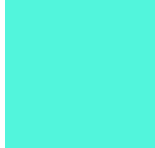
Protanomaly

81.9878, -39.6273, 29.2647



Deuteranomaly

81.2837, -32.6669, 21.7748



Tritanomaly

85.0094, -45.7721, 4.3565

Monochromacy



Original Color

86.0166, -63.5136, 29.5943



Achromatopsia

62.5758, -3.3389, 3.3999



Achromatomaly

68.6401, -33.2147, 11.3766

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.0166, -63.5136, 29.5943 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 86.0166, -63.5136, 29.5943 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, 158) }
```


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

```
.border{ border-color:rgb(0, 255, 158) }
```

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, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 158);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.0166, -63.5136, 29.5943 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, 158) }
```

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

```
.background{ background-color: rgb(0, 255,  
158) }
```

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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