

Converting Colors

HunterLab(86.0358, -63.3956,
29.3157)

Have a look what the booklet for
HunterLab(86.0358, -63.3956,
29.3157) contains.

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Color

**HunterLab(86.0367,
-63.3897, 29.3018)**

Conversions

Conversions Part 1

Format	Color
Hex	00FF9F
RGB	0, 255, 159
RGB Percent	0%, 100%, 62%
CMY	0.9999, 0.0000, 0.3765
CMYK	1.00, 0.00, 0.38, 0.00
HSL	157°, 100%, 50%
HSV	157°, 100%, 100%
XYZ	42.0180, 74.0231, 44.8742
YIQ	167.8110, -121.1640, -83.9160

Conversions

Conversions Part 2

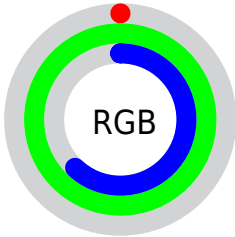
Format	Color
RYB	0, 157, 255
Decimal	65439
CIELab	88.93, -71.41, 32.08
CIELCh	89, 78.282, 155.806
Yxy	74.0235, 0.2611, 0.4600
Android (android.graphics.Color)	4278255519 (0xFF00FF9F)
YUV	167.8110, -4.3438, -147.1702
Hunter-Lab	86.0367, -63.3897, 29.3018

Details

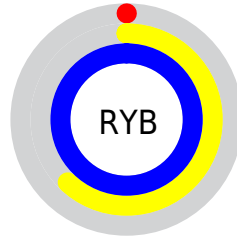
The HunterLab color **86.0367, -63.3897, 29.3018** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **47.0166, 82.3112, 16.4498**, and the grayscale version is **62.5545, -3.3378, 3.3987**.

A 20% lighter version of the original color is **89.4538, -46.8590, 12.1345**, and **64.0266, -48.9839, 25.7145** is the 20% darker color. If you saturate the color by 10%, you get **86.0366, -63.3907, 29.3040**, and if you desaturate by 10%, it is **86.3615, -61.6398, 26.5005**.

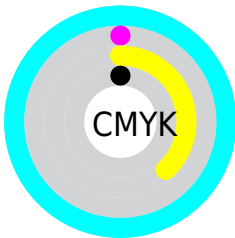
Distribution



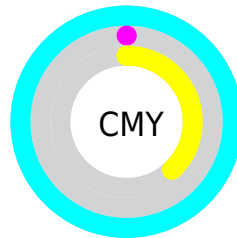
- Red (0%)
- Green (100%)
- Blue (62%)



- 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 86.0367, -63.3897, 29.3018 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 86.0367, -63.3897, 29.3018 by changing the saturation by 10% instead.


 86.0367, -63.3897,
29.3018


 86.0367, -63.3897,
29.3018


217.8427,
-98.0813, 48.4086


 74.0360, -58.9040,
26.9859


 111.7717,
-71.8441, 33.7614

 62.6516, -54.2009,
24.5949


 125.4565,
-75.8655, 35.9272

 51.9192, -49.2304,
22.1082


 139.6582,
-79.7750, 38.0603

 41.8810, -43.9257,
19.4987

 154.3588,
-83.5874, 40.1666

 32.5889, -38.1932,
16.7289

 169.5417,
-87.3148, 42.2509

 24.1085, -31.8979,
13.7459

185.1922,

 16.5264, -26.2305,

-90.9674, 44.3172

11.4275

201.2967,
-94.5538, 46.3689

■ 9.9653, -17.4393,
6.9757

0.0000, NaN, NaN

■ 86.0367, -63.3897,
29.3018

■ 86.0367, -63.3897,
29.3018

■ 86.0366, -63.3907,
29.3040

■ 86.3615, -61.6398,
26.5005

■ 86.8603, -59.1533,
23.6635

■ 87.5789, -55.7602,
20.8550

■ 88.5416, -51.3916,
18.1238

■ 89.7652, -46.0215,
15.5141

■ 91.2602, -39.6586,
13.0650

■ 93.0322, -32.3405,
10.8093

■ 95.0822, -24.1269,
8.7734

■ 97.4076, -15.0933,
6.9767

Harmonies

Analogous

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



86.0369, -44.5978, 45.0365



86.0367, -63.3897, 29.3018



86.0369, -67.7594, -2.9339

Triad

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



86.0369, -63.3890, 29.3011



86.0369, 3.2065, -102.3519



86.0369, 65.9029, 37.0868

Complementary

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



86.0367, -63.3897, 29.3018



47.0166, 82.3112, 16.4498

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.



86.0369, 84.5353, 11.6619



86.0367, -63.3897, 29.3018



86.0369, 44.3867, -76.7069

Square

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



86.0369, -63.3890, 29.3011



86.0369, -33.5056, -90.4527



86.0369, 76.0269, -30.4140



86.0369, 28.7214, 47.9067

Rectangle

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



86.0367, -63.3897, 29.3018



86.0369, -62.7485, -32.9856



86.0369, 76.0269, -30.4140



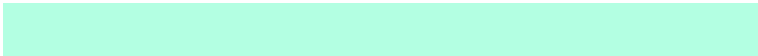
86.0369, 74.8212, 30.5284

Sweetspot

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



86.0369, -63.3890, 29.3011



93.0301, -32.3488, 10.8115



86.0835, -66.1027, 51.8865



42.6787, -16.4456, 5.4302

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.0369, -63.3890, 29.3011



86.0366, -63.3907, 29.3040



78.2353, -34.1402, -24.0872



45.1206, -6.7713, 3.1904



62.2162, -45.6741, 20.8324



19.4683, -13.9161, 5.7071

Inverse Universe

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



47.0166, 82.3112, 16.4498



47.0156, 82.3122, 16.4541



47.0927, 75.6426, 30.3416



42.5443, 2.2948, 1.6913



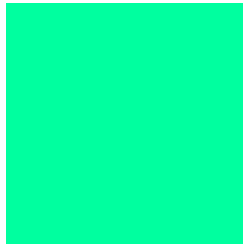
34.0246, 59.6435, 11.3249



10.7125, 18.9612, 2.1496

Previews

White Background



This preview shows how the HunterLab color 86.0367, -63.3897, 29.3018 looks on a white background.

Color Contrast Check

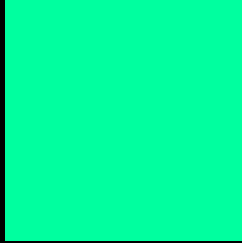
Large Text (above 18pt) WCAG AA × Fail

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 86.0367, -63.3897, 29.3018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

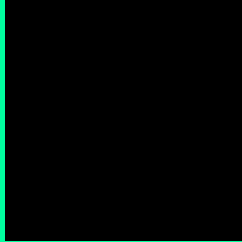
Any Text WCAG AA ✓ Pass

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 86.0367, -63.3897, 29.3018 Background



This preview shows how black text looks on a background with the HunterLab color 86.0367, -63.3897, 29.3018.



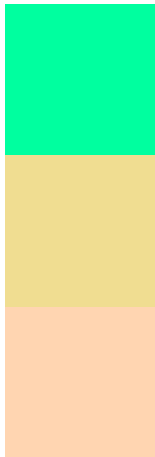
This preview shows how white text looks on a background with the HunterLab color 86.0367, -63.3897, 29.3018.

-63.3897, 29.3018.

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

86.0367, -63.3897, 29.3018

Protanopia

85.0191, -8.3199, 33.5615

Deuteranopia

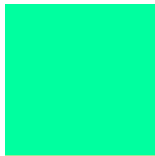
84.8663, 4.9627, 23.3216



Tritanopia

85.8022, -29.5554, -13.0212

Trichromacy



Original Color

86.0367, -63.3897, 29.3018



Protanomaly

82.0074, -39.5117, 28.9798



Deuteranomaly

81.2837, -32.6669, 21.7748



Tritanomaly

85.0094, -45.7721, 4.3565

Monochromacy



Original Color

86.0367, -63.3897, 29.3018



Achromatopsia

62.5758, -3.3389, 3.3999



Achromatomaly

68.6666, -33.0587, 10.9968

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.0367, -63.3897, 29.3018 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 86.0367, -63.3897, 29.3018 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, 159) }
```


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

```
.border{ border-color:rgb(0, 255, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 159);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.0367, -63.3897, 29.3018 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, 159) }
```

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

```
.background{ background-color: rgb(0, 255,  
159) }
```

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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