

Converting Colors

HunterLab(86.0471, -63.3261,
29.1515)

Have a look what the booklet for
HunterLab(86.0471, -63.3261,
29.1515) contains.

| | |
|----------------------------------------------------|----|
| HunterLab(86.0570, -63.2649, 29.0071) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**HunterLab(86.0570,
-63.2649, 29.0071)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00FFA0 |
| RGB | 0, 255, 160 |
| RGB Percent | 0%, 100%, 63% |
| CMY | 0.9999, 0.0000, 0.3725 |
| CMYK | 1.00, 0.00, 0.37, 0.00 |
| HSL | 158°, 100%, 50% |
| HSV | 158°, 100%, 100% |
| XYZ | 42.1052, 74.0581, 45.3331 |
| YIQ | 167.9250, -121.4850, -83.6050 |

Conversions

Conversions Part 2

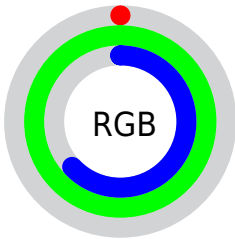
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 157, 255 |
| Decimal | 65440 |
| CIELab | 88.95, -71.21, 31.61 |
| CIELCh | 89, 77.912, 156.068 |
| Yxy | 74.0583, 0.2607, 0.4586 |
| Android (android.graphics.Color) | 4278255520 (0xFF00FFA0) |
| YUV | 167.9250, -3.9070, -147.2702 |
| Hunter-Lab | 86.0570, -63.2649, 29.0071 |

Details

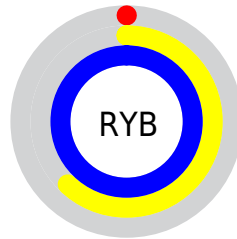
The HunterLab color **86.0570, -63.2649, 29.0071** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **46.9972, 82.2396, 16.7328**, and the grayscale version is **62.6001, -3.3402, 3.4012**.

A 20% lighter version of the original color is **89.4825, -46.6887, 11.7236**, and **64.0431, -48.8816, 25.4729** is the 20% darker color. If you saturate the color by 10%, you get **86.0568, -63.2660, 29.0095**, and if you desaturate by 10%, it is **86.3811, -61.5196, 26.2163**.

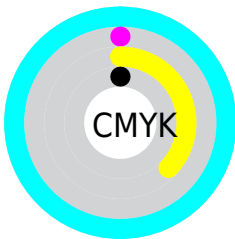
Distribution



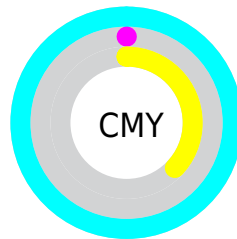
- Red (0%)
- Green (100%)
- Blue (63%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.0570, -63.2649, 29.0071 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 86.0570, -63.2649, 29.0071 by changing the saturation by 10% instead.


 86.0570, -63.2649,
29.0071


 86.0570, -63.2649,
29.0071


217.8703,
-97.8746, 47.9210

 74.0552, -58.7909,
26.7184


 111.7938,
-71.6980, 33.4167


 62.6698, -54.1003,
24.3567


 125.4794,
-75.7095, 35.5593


 51.9363, -49.1433,
21.9015


 139.6820,
-79.6097, 37.6704

 41.8969, -43.8535,
19.3261

 154.3834,
-83.4131, 39.7556

 32.6036, -38.1372,
16.5934

 169.5671,
-87.1320, 41.8197

 24.1217, -31.8602,
13.6512


185.2184,

 16.5381, -26.1835,


-90.7764, 43.8666


11.3091


201.3236,
-94.3548, 45.8994


 9.9752, -17.4565,
6.9826


0.0000, NaN, NaN


 86.0570, -63.2649,
29.0071


 86.0570, -63.2649,
29.0071

 86.0568, -63.2660,
29.0095

 86.3811, -61.5196,
26.2163

 86.8789, -59.0397,
23.3945

 87.5962, -55.6553,
20.6057

 88.5573, -51.2976,
17.8989

■ 89.7790, -45.9400,
15.3179

■ 91.2717, -39.5913,
12.9014

■ 93.0412, -32.2887,
10.6821

■ 95.0885, -24.0915,
8.6859

■ 97.4110, -15.0750,
6.9318

Harmonies

Analogous

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



86.0572, -44.6592, 44.8447



86.0570, -63.2649, 29.0071



86.0572, -67.4981, -3.2522

Triad

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



86.0572, -63.2641, 29.0064



86.0572, 3.5242, -101.5907



86.0572, 65.2651, 37.1289

Complementary

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



86.0570, -63.2649, 29.0071



46.9972, 82.2396, 16.7328

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.



86.0572, 84.0005, 11.9303



86.0570, -63.2649, 29.0071



86.0572, 44.4735, -75.8537

Square

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



86.0572, -63.2641, 29.0064



86.0572, -33.1099, -90.1098



86.0572, 75.7809, -29.8068



86.0572, 28.1931, 47.8492

Rectangle

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



86.0570, -63.2649, 29.0071



86.0572, -62.4176, -33.1940



86.0572, 75.7809, -29.8068



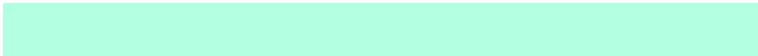
86.0572, 74.1924, 30.6291

Sweetspot

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



86.0572, -63.2641, 29.0064



93.0390, -32.2976, 10.6846



86.0836, -66.1025, 51.8865



42.6833, -16.4189, 5.3642

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.0572, -63.2641, 29.0064



86.0568, -63.2660, 29.0095



78.2354, -34.1403, -24.0871



45.1220, -6.7635, 3.1706



62.2307, -45.5844, 20.6206



19.4727, -13.8894, 5.6440

Inverse Universe

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



46.9972, 82.2396, 16.7328



46.9961, 82.2407, 16.7375



47.0928, 75.6422, 30.3415



42.5429, 2.2872, 1.7116



34.0103, 59.5910, 11.5328



10.7077, 18.9435, 2.2193

Previews

White Background



This preview shows how the HunterLab color 86.0570, -63.2649, 29.0071 looks on a white background.

Color Contrast Check

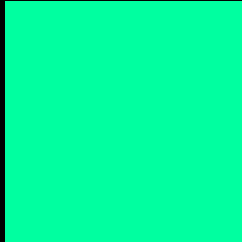
Large Text (above 18pt) WCAG AA × Fail

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 86.0570, -63.2649, 29.0071 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 86.0570, -63.2649, 29.0071 Background



This preview shows how black text looks on a background with the HunterLab color 86.0570, -63.2649, 29.0071.



This preview shows how white text looks on a background with the HunterLab color 86.0570,

-63.2649, 29.0071.

Color Blindness Simulation

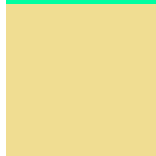
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.0570, -63.2649, 29.0071



Protanopia

85.0373, -8.2192, 33.2953



Deuteranopia

84.8898, 5.0892, 22.9801



Tritanopia

85.8022, -29.5554, -13.0212

Trichromacy



Original Color

86.0570, -63.2649, 29.0071



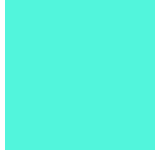
Protanomaly

82.0271, -39.3952, 28.6925



Deuteranomaly

81.3071, -32.5308, 21.4365



Tritanomaly

85.0094, -45.7721, 4.3565

Monochromacy



Original Color

86.0570, -63.2649, 29.0071



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 86.0570, -63.2649, 29.0071 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 86.0570, -63.2649, 29.0071 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, 160) }
```


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

```
.border{ border-color:rgb(0, 255, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 160);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
160) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.0570, -63.2649, 29.0071 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, 160) }
```

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

```
.background{ background-color: rgb(0, 255,  
160) }
```

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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