

Converting Colors

HunterLab(100.0000, -81.8246,
38.8073)

Have a look what the booklet for
HunterLab(100.0000, -81.8246,
38.8073) contains.

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Color

**HunterLab(86.1819,
-62.4962, 27.1915)**

Conversions

Conversions Part 1

Format	Color
Hex	00FFA6
RGB	0, 255, 166
RGB Percent	0%, 100%, 65%
CMY	0.9999, 0.0000, 0.3490
CMYK	1.00, 0.00, 0.35, 0.00
HSL	159°, 100%, 50%
HSV	159°, 100%, 100%
XYZ	42.6430, 74.2732, 48.1651
YIQ	168.6090, -123.4110, -81.7390

Conversions

Conversions Part 2

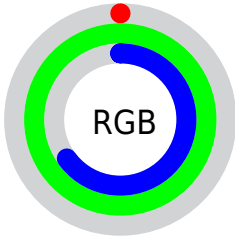
Format	Color
RYB	0, 154, 255
Decimal	65446
CIELab	89.05, -70.04, 28.73
CIELCh	89, 75.700, 157.693
Yxy	74.2735, 0.2583, 0.4499
Android (android.graphics.Color)	4278255526 (0xFF00FFA6)
YUV	168.6090, -1.2862, -147.8701
Hunter-Lab	86.1819, -62.4962, 27.1915

Details

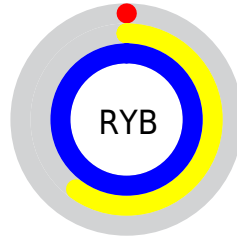
The HunterLab color **86.1819, -62.4962, 27.1915** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **46.8854, 81.8284, 18.3639**, and the grayscale version is **62.8726, -3.3547, 3.4160**.

A 20% lighter version of the original color is **89.6877, -45.4700, 8.7842**, and **64.1286, -48.3531, 24.2252** is the 20% darker color. If you saturate the color by 10%, you get **86.1817, -62.4972, 27.1939**, and if you desaturate by 10%, it is **86.5013, -60.7823, 24.4727**.

Distribution



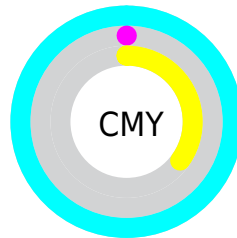
- Red (0%)
- Green (100%)
- Blue (65%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.1819, -62.4962, 27.1915 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 86.1819, -62.4962, 27.1915 by changing the saturation by 10% instead.


 86.1819, -62.4962,
27.1915


 86.1819, -62.4962,
27.1915


218.0405,
-96.6050, 44.9530

 74.1740, -58.0936,
25.0659


 111.9301,
-70.7989, 31.3025


 62.7822, -53.4796,
22.8786


 125.6211,
-74.7504, 33.3072


 52.0418, -48.6056,
20.6113


 139.8288,
-78.5934, 35.2867

 41.9952, -43.4064,
18.2398

 154.5351,
-82.3421, 37.2460

 32.6940, -37.7902,
15.7303

 169.7237,
-86.0085, 39.1891

 24.2035, -31.6247,
13.0338


185.3796,

 16.6102, -25.8978,


-89.6025, 41.1196


10.6003


201.4894,
-93.1322, 43.0401


 10.0361, -17.5632,
7.0253


0.0000, NaN, NaN


 86.1819, -62.4962,
27.1915


 86.1819, -62.4962,
27.1915

 86.1817, -62.4972,
27.1939

 86.5013, -60.7823,
24.4727

 86.9926, -58.3463,
21.7496

 87.7014, -55.0181,
19.0867

 88.6522, -50.7282,
16.5322

■ 89.8617, -45.4491,
14.1287

■ 91.3406, -39.1878,
11.9131

■ 93.0947, -31.9798,
9.9157

■ 95.1253, -23.8825,
8.1600

■ 97.4299, -14.9696,
6.6622

Harmonies

Analogous

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



86.1821, -45.0141, 43.6479



86.1819, -62.4962, 27.1915



86.1821, -65.9004, -5.1800

Triad

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



86.1821, -62.4954, 27.1908



86.1821, 5.4355, -97.0264



86.1821, 61.4393, 37.3729

Complementary

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



86.1819, -62.4962, 27.1915



46.8854, 81.8284, 18.3639

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.



86.1821, 80.7742, 13.5172



86.1819, -62.4962, 27.1915



86.1821, 44.9746, -70.7771

Square

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



86.1821, -62.4954, 27.1908



86.1821, -30.7084, -88.0195



86.1821, 74.2761, -26.2093



86.1821, 25.0347, 47.4912

Rectangle

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



86.1819, -62.4962, 27.1915



86.1821, -60.3976, -34.4337



86.1821, 74.2761, -26.2093



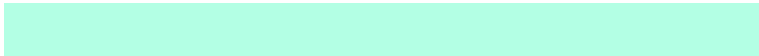
86.1821, 70.4150, 31.2216

Sweetspot

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



86.1821, -62.4954, 27.1908



93.0925, -31.9887, 9.9179



85.8238, -67.1937, 51.7073



42.7112, -16.2571, 4.9650

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

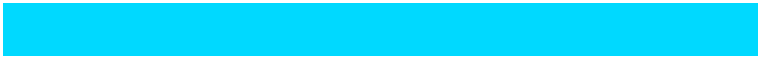
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.1821, -62.4954, 27.1908



86.1817, -62.4972, 27.1939



75.3123, -30.3549, -28.6048



45.1303, -6.7172, 3.0518



62.3206, -45.0318, 19.3155



19.4994, -13.7256, 5.2570

Inverse Universe

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



46.8854, 81.8284, 18.3639



46.8843, 81.8295, 18.3683



47.6067, 73.9492, 30.6286



42.5344, 2.2415, 1.8328



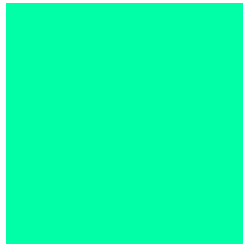
33.9281, 59.2886, 12.7316



10.6796, 18.8406, 2.6254

Previews

White Background



This preview shows how the HunterLab color 86.1819, -62.4962, 27.1915 looks on a white background.

Color Contrast Check

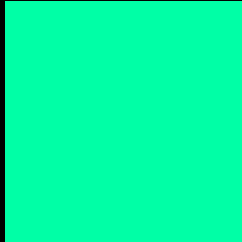
Large Text (above 18pt) WCAG AA × Fail

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 86.1819, -62.4962, 27.1915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

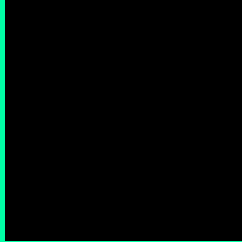
Any Text WCAG AA ✓ Pass

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 86.1819, -62.4962, 27.1915 Background



This preview shows how black text looks on a background with the HunterLab color 86.1819, -62.4962, 27.1915.



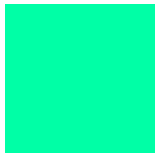
This preview shows how white text looks on a background with the HunterLab color 86.1819, -62.4962, 27.1915.

-62.4962, 27.1915.

Color Blindness Simulation

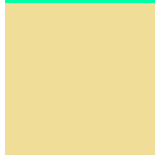
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.1819, -62.4962, 27.1915



Protanopia

85.1500, -7.5978, 31.6518



Deuteranopia

85.2580, 4.9473, 22.2213



Tritanopia

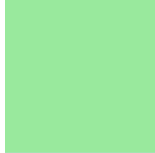
85.8943, -29.2084, -12.8883

Trichromacy



Original Color

86.1819, -62.4962, 27.1915



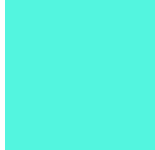
Protanomaly

82.1489, -38.6765, 26.9205



Deuteranomaly

81.7647, -32.2828, 20.0336



Tritanomaly

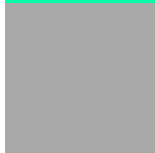
85.1302, -45.1052, 3.0457

Monochromacy



Original Color

86.1819, -62.4962, 27.1915



Achromatopsia

62.9885, -3.3609, 3.4223



Achromatomaly

68.7923, -32.4072, 9.8935

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.1819, -62.4962, 27.1915 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 86.1819, -62.4962, 27.1915 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, 166) }
```


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

```
.border{ border-color:rgb(0, 255, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 166);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
166) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.1819, -62.4962, 27.1915 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, 166) }
```

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

```
.background{ background-color: rgb(0, 255,  
166) }
```

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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