

# Converting Colors

HunterLab(82.7554, -56.7239,  
19.0136)

Have a look what the booklet for  
HunterLab(82.7554, -56.7239,  
19.0136) contains.

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# Color

**HunterLab(82.8252,  
-56.8190, 19.1316)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00F5B4
RGB	0, 245, 180
RGB Percent	0%, 96%, 71%
CMY	0.9999, 0.0392, 0.2941
CMYK	1.00, 0.00, 0.27, 0.04
HSL	164°, 100%, 48%
HSV	164°, 100%, 96%
XYZ	40.8906, 68.6001, 54.2660
YIQ	164.3350, -125.1550, -72.1550

# Conversions

## Conversions Part 2

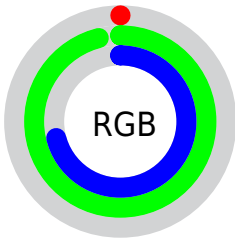
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 141, 245
Decimal	62900
CIELab	86.31, -63.52, 17.82
CIELCh	86, 65.970, 164.328
Yxy	68.6028, 0.2497, 0.4189
Android (android.graphics.Color)	4278252980 (0xFF00F5B4)
YUV	164.3350, 7.7228, -144.1218
Hunter-Lab	82.8252, -56.8190, 19.1316

# Details

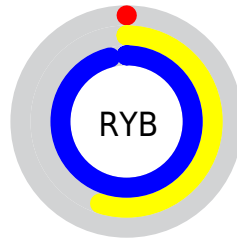
The HunterLab color **82.8252, -56.8190, 19.1316** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **44.4927, 77.0495, 22.0935**, and the grayscale version is **61.0784, -3.2590, 3.3185**.

A 20% lighter version of the original color is **90.0482, -43.1868, 2.4807**, and **60.8876, -43.2268, 17.2100** is the 20% darker color. If you saturate the color by 10%, you get **82.8265, -56.8215, 19.1355**, and if you desaturate by 10%, it is **83.1112, -55.3266, 16.9039**.

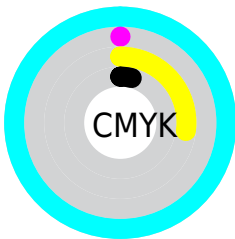
# Distribution



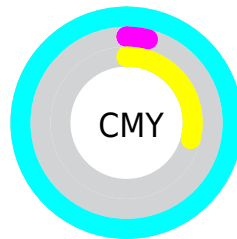
- Red (0%)
- Green (96%)
- Blue (71%)



- Red (0%)
- Yellow (55%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (4%)




- Cyan (100%)
- Magenta (4%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.8252, -56.8190, 19.1316 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 82.8252, -56.8190, 19.1316 by changing the saturation by 10% instead.





 82.8252, -56.8190,  
19.1316


 82.8252, -56.8190,  
19.1316


213.4547,  
-88.4358, 32.6649


 70.9847, -52.7516,  
17.5982


 108.2655,  
-64.4971, 22.1573


 59.7679, -48.4874,  
16.0402


 121.8112,  
-68.1540, 23.6578


 49.2134, -43.9803,  
14.4484


 135.8790,  
-71.7130, 25.1550

 39.3657, -39.1660,  
12.8079

 150.4502,  
-75.1876, 26.6514

 30.2798, -33.9524,  
11.0971

 165.5080,  
-78.5887, 28.1490

 22.0258, -28.2027,  
9.2817

181.0370,

 14.6980, -23.7141,

-81.9255, 29.6497

7.3852

197.0235,  
-85.2057, 31.1546

■ 8.3560, -14.6230,  
5.8492

0.0000, NaN, NaN

■ 82.8252, -56.8190,  
19.1316

■ 82.8252, -56.8190,  
19.1316

■ 82.8265, -56.8215,  
19.1355

■ 83.1112, -55.3266,  
16.9039

■ 83.5533, -53.1839,  
14.7511

■ 84.1972, -50.2277,  
12.7368

■ 85.0661, -46.3901,  
10.9035

■ 86.1761, -41.6410,  
9.2866

■ 87.5378, -35.9821,  
7.9147

■ 89.1570, -29.4414,  
6.8087

■ 91.0356, -22.0674,  
5.9826

■ 93.1720, -13.9243,  
5.4433

# Harmonies

## Analogous

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



82.8268, -44.0465, 36.9670



82.8252, -56.8190, 19.1316



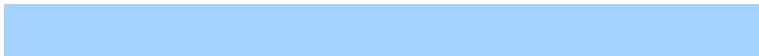
82.8268, -57.0998, -11.7549

# Triad

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



82.8268, -56.8196, 19.1323



82.8268, 11.7684, -77.2266



82.8268, 45.6911, 36.4286

# Complementary

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



82.8252, -56.8190, 19.1316



44.4927, 77.0495, 22.0935

# 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.



82.8268, 65.9659, 18.0236



82.8252, -56.8190, 19.1316



82.8268, 44.4122, -50.9138

# Square

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



82.8268, -56.8196, 19.1323



82.8268, -20.7808, -76.5517



82.8268, 65.4645, -13.3899



82.8268, 13.3100, 43.9681



# Rectangle

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



82.8252, -56.8190, 19.1316



82.8268, -50.3363, -36.9609



82.8268, 65.4645, -13.3899



82.8268, 54.3573, 31.7068

# Sweetspot

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



82.8268, -56.8196, 19.1323



93.2873, -30.8667, 7.1331



81.5128, -66.3148, 49.0662



42.8128, -15.6678, 3.5105

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



82.8268, -56.8196, 19.1323



86.6731, -59.4846, 20.0764



65.1867, -19.7906, -38.7535



43.2184, -6.2535, 2.5129



60.8113, -41.5837, 13.7583



18.0752, -12.0419, 3.4026



# Inverse Universe

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



44.4927, 77.0495, 22.0935



46.5545, 80.6137, 23.2015



47.2850, 64.9680, 30.2730



40.6875, 1.9722, 2.1646



32.6849, 56.6625, 15.7818

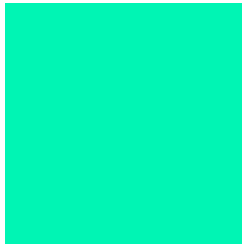


9.7738, 17.1074, 3.4512



# Previews

## White Background



This preview shows how the HunterLab color 82.8252, -56.8190, 19.1316 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

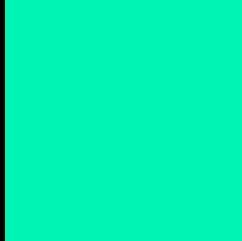
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 82.8252, -56.8190, 19.1316 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

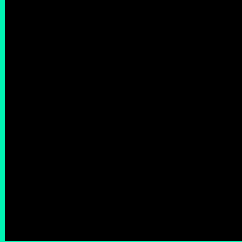
Any Text WCAG AA ✓ Pass

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 82.8252, -56.8190, 19.1316 Background



This preview shows how black text looks on a background with the HunterLab color 82.8252, -56.8190, 19.1316.



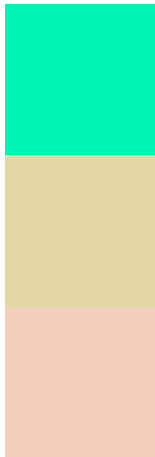
This preview shows how white text looks on a background with the HunterLab color 82.8252, -56.8190, 19.1316.

-56.8190, 19.1316.

# 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

82.8252, -56.8190, 19.1316

### Protanopia

82.0388, -6.8560, 24.7055

### Deuteranopia

81.8840, 6.1685, 15.7046



## Tritanopia

82.6304, -34.6351, -16.9699

# Trichromacy



## Original Color

82.8252, -56.8190, 19.1316



## Protanomaly

79.2291, -35.3347, 19.7426



## Deuteranomaly

78.5494, -28.4435, 12.8396



## Tritanomaly

82.4517, -44.4952, -2.2309

# Monochromacy



## Original Color

82.8252, -56.8190, 19.1316



## Achromatopsia

60.9293, -3.2510, 3.3104



## Achromatomaly

66.3214, -29.8433, 6.3462

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.8252, -56.8190, 19.1316 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, 245, 180)` looks like.

```
.text, #text, p{  
    color:rgb(0, 245, 180)  
}
```

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, 245, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 245, 180) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.8252, -56.8190, 19.1316 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, 245, 180) }
```



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

```
.border{ border-color:rgb(0, 245, 180) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 245, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 245, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 245, 180);  
box-shadow:4px 4px 4px 4px rgb(0, 245,  
180) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.8252, -56.8190, 19.1316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 245, 180) }
```

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

```
.background{ background-color: rgb(0, 245,  
180) }
```

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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