

Converting Colors

HunterLab(81.7245, -56.4433,
19.9219)

Have a look what the booklet for
HunterLab(81.7245, -56.4433,
19.9219) contains.

HunterLab(81.6282, -56.3580, 19.8537)	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(81.6282,
-56.3580, 19.8537)**

Conversions

Conversions Part 1

Format	Color
Hex	05F2AF
RGB	5, 242, 175
RGB Percent	2%, 95%, 69%
CMY	0.9803, 0.0510, 0.3137
CMYK	0.98, 0.00, 0.28, 0.05
HSL	163°, 96%, 48%
HSV	163°, 98%, 95%
XYZ	39.5526, 66.6316, 51.3340
YIQ	163.4990, -119.7450, -71.0810

Conversions

Conversions Part 2

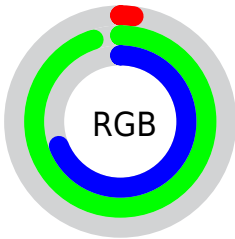
Format	Color
RYB	5, 143, 242
Decimal	389807
CIELab	85.32, -63.42, 19.03
CIELCh	85, 66.214, 163.301
Yxy	66.6342, 0.2511, 0.4230
Android (android.graphics.Color)	4278579887 (0xFF05F2AF)
YUV	163.4990, 5.6700, -139.0036
Hunter-Lab	81.6282, -56.3580, 19.8537

Details

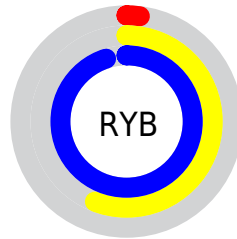
The HunterLab color **81.6282, -56.3580, 19.8537** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **44.1084, 75.9621, 20.2601**, and the grayscale version is **60.7414, -3.2410, 3.3002**.

A 20% lighter version of the original color is **89.8889, -44.1282, 4.7506**, and **59.7379, -42.8279, 17.7861** is the 20% darker color. If you saturate the color by 10%, you get **81.5758, -56.6491, 20.3264**, and if you desaturate by 10%, it is **81.9403, -54.7470, 17.5711**.

Distribution



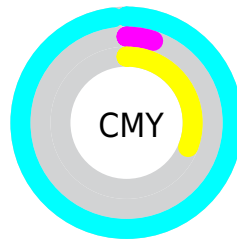
- Red (2%)
- Green (95%)
- Blue (69%)



- Red (2%)
- Yellow (56%)
- Blue (95%)



- Cyan (98%)
- Magenta (0%)
- Yellow (28%)
- Black (5%)



- Cyan (98%)
- Magenta (5%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.6282, -56.3580, 19.8537 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 81.6282, -56.3580, 19.8537 by changing the saturation by 10% instead.

81.6282, -56.3580,
19.8537

81.6282, -56.3580,
19.8537

211.8117,
-88.0117, 33.8515

69.8480, -52.2787,
18.2528

106.9561,
-64.0527, 23.0013

58.6949, -47.9988,
16.6219

120.4492,
-67.7153, 24.5577

48.2081, -43.4712,
14.9502

134.4663,
-71.2788, 26.1079

38.4330, -38.6294,
13.2210

148.9885,
-74.7568, 27.6549

29.4259, -33.3778,
11.4098

163.9989,
-78.1605, 29.2010

21.2587, -27.5742,
9.4776


179.4820,

14.0289, -23.7405,


-81.4992, 30.7482


7.6378


195.4239,
-84.7808, 32.2979


 7.6736, -13.4287,
5.3715


0.0000, NaN, NaN


 81.6282, -56.3580,
19.8537


 81.6282, -56.3580,
19.8537

 81.5758, -56.6491,
20.3264

 81.9403, -54.7470,
17.5711

 82.4232, -52.4260,
15.3671

 83.1114, -49.2793,
13.2941

 84.0259, -45.2493,
11.3933

■ 85.1815, -40.3144,
9.6992

■ 86.5874, -34.4833,
8.2398

■ 88.2483, -27.7894,
7.0359

■ 90.1652, -20.2855,
6.1014

■ 92.3357, -12.0381,
5.4436

Harmonies

Analogous

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



81.6298, -43.2263, 37.1295



81.6282, -56.3580, 19.8537



81.6298, -57.0629, -10.5808

Triad

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



81.6298, -56.3586, 19.8544



81.6298, 10.6446, -78.0291



81.6298, 46.7282, 35.7832

Complementary

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



81.6282, -56.3580, 19.8537



44.1084, 75.9621, 20.2601

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.



81.6298, 66.4336, 17.0628



81.6282, -56.3580, 19.8537



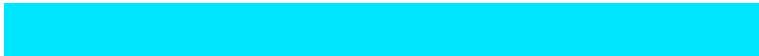
81.6298, 43.4913, -52.3024

Square

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



81.6298, -56.3586, 19.8544



81.6298, -21.6831, -76.3136



81.6298, 65.1633, -14.7184



81.6298, 14.5403, 43.5236

Rectangle

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



81.6282, -56.3580, 19.8537



81.6298, -50.6194, -35.7794



81.6298, 65.1633, -14.7184



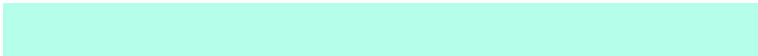
81.6298, 55.2430, 30.9720

Sweetspot

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



81.6298, -56.3586, 19.8544



93.4321, -30.3608, 7.6005



80.5618, -64.6163, 48.4042



42.8680, -15.4823, 3.7598

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.6298, -56.3586, 19.8544



86.5649, -60.1466, 21.6408



65.9978, -21.7876, -35.1831



42.2472, -6.1376, 2.5387



59.8101, -41.3941, 14.6007



17.2999, -11.6397, 3.5033

Inverse Universe

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



44.1084, 75.9621, 20.2601



46.6146, 80.8353, 22.3192



46.6412, 64.1111, 29.6787



39.7898, 1.9498, 2.0340



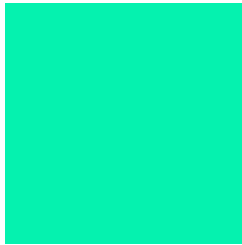
32.2307, 55.9627, 14.8829



9.3842, 16.4650, 3.0077

Previews

White Background



This preview shows how the HunterLab color 81.6282, -56.3580, 19.8537 looks on a white background.

Color Contrast Check

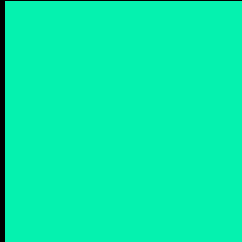
Large Text (above 18pt) WCAG AA × Fail

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 81.6282, -56.3580, 19.8537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

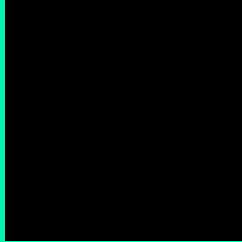
Any Text WCAG AA ✓ Pass

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 81.6282, -56.3580, 19.8537 Background



This preview shows how black text looks on a background with the HunterLab color 81.6282, -56.3580, 19.8537.



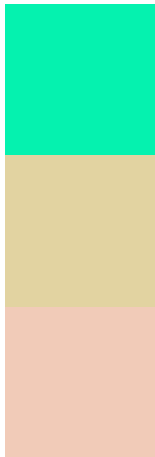
This preview shows how white text looks on a background with the HunterLab color 81.6282, -56.3580, 19.8537.

-56.3580, 19.8537.

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

81.6282, -56.3580, 19.8537

Protanopia

80.8273, -6.5329, 24.9574

Deuteranopia

80.5440, 5.9438, 16.3538



Tritanopia

81.4762, -33.9679, -16.8040

Trichromacy



Original Color

81.6282, -56.3580, 19.8537



Protanomaly

78.1708, -34.3667, 20.2041



Deuteranomaly

77.4148, -27.8639, 13.7338



Tritanomaly

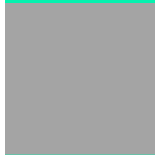
81.2868, -43.9119, -1.6005

Monochromacy



Original Color

81.6282, -56.3580, 19.8537



Achromatopsia

60.9293, -3.2510, 3.3104



Achromatomaly

66.0232, -29.4003, 6.9007

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.6282, -56.3580, 19.8537 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(5, 242, 175)` looks like.

```
.text, #text, p{  
    color:rgb(5, 242, 175)  
}
```

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(5, 242, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 242, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 81.6282, -56.3580, 19.8537 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(5, 242, 175) }
```


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

```
.border{ border-color:rgb(5, 242, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 242, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 242, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 242, 175);  
box-shadow:4px 4px 4px 4px rgb(5, 242,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.6282, -56.3580, 19.8537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 242, 175) }
```

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

```
.background{ background-color: rgb(5, 242,  
175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor