

Converting Colors

HunterLab(86.8785, -75.5545,
19.6249)

Have a look what the booklet for
HunterLab(86.8785, -75.5545,
19.6249) contains.

HunterLab(86.6896, -59.3840, 19.8386)	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(86.6896,
-59.3840, 19.8386)**

Conversions

Conversions Part 1

Format	Color
Hex	00FFBC
RGB	0, 255, 188
RGB Percent	0%, 100%, 74%
CMY	0.9998, 0.0000, 0.2627
CMYK	1.00, 0.00, 0.26, 0.00
HSL	164°, 100%, 50%
HSV	164°, 100%, 100%
XYZ	44.8371, 75.1509, 59.7194
YIQ	171.1170, -130.4730, -74.8970

Conversions

Conversions Part 2

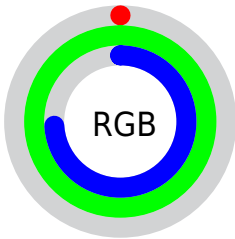
Format	Color
RYB	0, 147, 255
Decimal	65468
CIELab	89.46, -65.36, 18.12
CIELCh	89, 67.822, 164.504
Yxy	75.1512, 0.2495, 0.4182
Android (android.graphics.Color)	4278255548 (0xFF00FFBC)
YUV	171.1170, 8.3233, -150.0696
Hunter-Lab	86.6896, -59.3840, 19.8386

Details

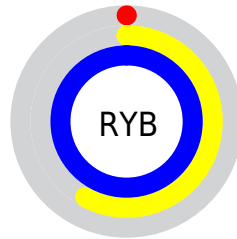
The HunterLab color **86.6896, -59.3840, 19.8386** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **46.5473, 80.5806, 23.3216**, and the grayscale version is **63.8742, -3.4082, 3.4704**.

A 20% lighter version of the original color is **90.4238, -41.1978, -1.1217**, and **64.5614, -45.6886, 17.9325** is the 20% darker color. If you saturate the color by 10%, you get **86.6894, -59.3852, 19.8415**, and if you desaturate by 10%, it is **86.9829, -57.8405, 17.5134**.

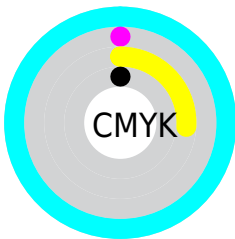
Distribution



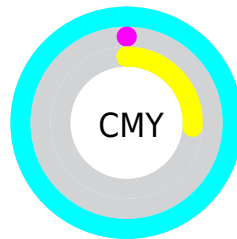
- Red (0%)
- Green (100%)
- Blue (74%)



- Red (0%)
- Yellow (58%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.6896, -59.3840, 19.8386 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 86.6896, -59.3840, 19.8386 by changing the saturation by 10% instead.


 86.6896, -59.3840,
19.8386


 86.6896, -59.3840,
19.8386


218.7320,
-91.5177, 33.4809


 74.6571, -55.2627,
18.2938


 112.4839,
-67.1730, 22.8855


 63.2392, -50.9506,
16.7274


 126.1966,
-70.8878, 24.3981


 52.4712, -46.4033,
15.1294


 140.4253,
-74.5053, 25.9077

 42.3950, -41.5608,
13.4864

 155.1518,
-78.0384, 27.4166

 33.0618, -36.3389,
11.7790

 170.3599,
-81.4979, 28.9270

 24.5364, -30.6142,
9.9770

186.0348,

 16.9040, -24.8030,

-84.8928, 30.4403

8.0310

202.1630,
-88.2305, 31.9579

■ 10.2848, -17.9984,
7.1994

0.0000, NaN, NaN

■ 86.6896, -59.3840,
19.8386

■ 86.6896, -59.3840,
19.8386

■ 86.6894, -59.3852,
19.8415

■ 86.9829, -57.8405,
17.5134

■ 87.4419, -55.6152,
15.2706

■ 88.1124, -52.5377,
13.1748

■ 89.0188, -48.5355,
11.2708

■ 90.1782, -43.5765,
9.5959

■ 91.6019, -37.6618,
8.1798

■ 93.2962, -30.8204,
7.0446

■ 95.2629, -23.1033,
6.2048

■ 97.5005, -14.5775,
5.6674

Harmonies

Analogous

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



86.6898, -46.1160, 38.5535



86.6896, -59.3840, 19.8386



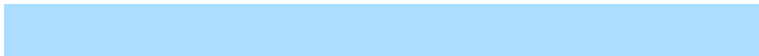
86.6898, -59.5993, -12.4747

Triad

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



86.6898, -59.3831, 19.8379



86.6898, 12.4797, -80.4340



86.6898, 47.4925, 38.1375

Complementary

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



86.6896, -59.3840, 19.8386



46.5473, 80.5806, 23.3216

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.



86.6898, 68.7496, 18.9823



86.6896, -59.3840, 19.8386



86.6898, 46.5067, -52.8776

Square

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



86.6898, -59.3831, 19.8379



86.6898, -21.5265, -79.9144



86.6898, 68.3631, -13.7350



86.6898, 13.6683, 45.9727

Rectangle

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



86.6896, -59.3840, 19.8386



86.6898, -52.4828, -38.7761



86.6898, 68.3631, -13.7350



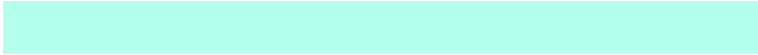
86.6898, 56.5622, 33.2243

Sweetspot

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



86.6898, -59.3831, 19.8379



93.2933, -30.8317, 7.0461



85.2937, -69.4328, 51.3412



42.8160, -15.6493, 3.4650

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.6898, -59.3831, 19.8379



86.6894, -59.3852, 19.8415



68.1756, -20.6522, -40.6293



45.1610, -6.5461, 2.6136



62.6846, -42.8008, 14.0443



19.6058, -13.0752, 3.7200

Inverse Universe

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



46.5473, 80.5806, 23.3216



46.5460, 80.5823, 23.3265



49.4397, 68.1223, 31.6557



42.5035, 2.0750, 2.2744



33.6769, 58.3630, 16.4095



10.5893, 18.5093, 3.9365

Previews

White Background



This preview shows how the HunterLab color 86.6896, -59.3840, 19.8386 looks on a white background.

Color Contrast Check

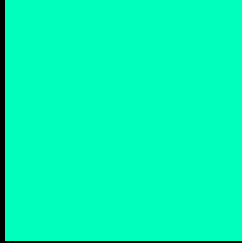
Large Text (above 18pt) WCAG AA × Fail

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 86.6896, -59.3840, 19.8386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

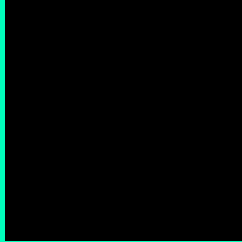
Any Text WCAG AA ✓ Pass

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 86.6896, -59.3840, 19.8386 Background



This preview shows how black text looks on a background with the HunterLab color 86.6896, -59.3840, 19.8386.



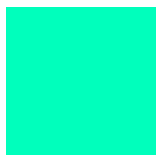
This preview shows how white text looks on a background with the HunterLab color 86.6896,

-59.3840, 19.8386.

Color Blindness Simulation

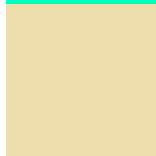
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.6896, -59.3840, 19.8386



Protanopia

85.6953, -6.4007, 25.3398



Deuteranopia

85.8504, 6.2246, 16.5288



Tritanopia

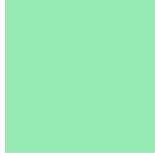
86.4722, -28.7856, -12.0883

Trichromacy



Original Color

86.6896, -59.3840, 19.8386



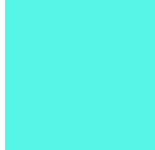
Protanomaly

82.8488, -36.7826, 20.2647



Deuteranomaly

82.5652, -30.0479, 13.6992



Tritanomaly

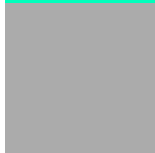
85.4989, -43.1340, -0.4976

Monochromacy



Original Color

86.6896, -59.3840, 19.8386



Achromatopsia

63.8154, -3.4050, 3.4672



Achromatomaly

69.7614, -31.5985, 7.0821

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.6896, -59.3840, 19.8386 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 188) }
```

Border

The CSS property to change the border of an element to HunterLab 86.6896, -59.3840, 19.8386 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, 188) }
```


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

```
.border{ border-color:rgb(0, 255, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 188);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
188) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.6896, -59.3840, 19.8386 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, 188) }
```

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

```
.background{ background-color: rgb(0, 255,  
188) }
```

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