

Converting Colors

HunterLab(86.8808, -58.2169,
17.0801)

Have a look what the booklet for
HunterLab(86.8808, -58.2169,
17.0801) contains.

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Color

**HunterLab(86.8939,
-58.1372, 16.8916)**

Conversions

Conversions Part 1

Format	Color
Hex	00FFC4
RGB	0, 255, 196
RGB Percent	0%, 100%, 77%
CMY	0.9998, 0.0000, 0.2314
CMYK	1.00, 0.00, 0.23, 0.00
HSL	166°, 100%, 50%
HSV	166°, 100%, 100%
XYZ	45.7238, 75.5055, 64.3887
YIQ	172.0290, -133.0410, -72.4090

Conversions

Conversions Part 2

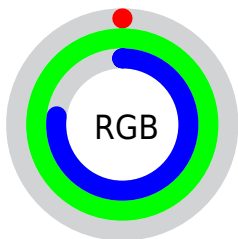
Format	Color
RYB	0, 144, 255
Decimal	65476
CIELab	89.63, -63.52, 14.25
CIELCh	90, 65.099, 167.359
Yxy	75.5059, 0.2463, 0.4068
Android (android.graphics.Color)	4278255556 (0xFF00FFC4)
YUV	172.0290, 11.8177, -150.8694
Hunter-Lab	86.8939, -58.1372, 16.8916

Details

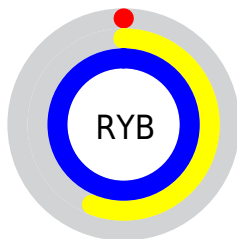
The HunterLab color **86.8939, -58.1372, 16.8916** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **46.4511, 80.2247, 24.7396**, and the grayscale version is **64.2386, -3.4276, 3.4902**.

A 20% lighter version of the original color is **90.7330, -39.3827, -5.5048**, and **64.7190, -44.7235, 15.6521** is the 20% darker color. If you saturate the color by 10%, you get **86.8937, -58.1383, 16.8942**, and if you desaturate by 10%, it is **87.1741, -56.6777, 14.7611**.

Distribution



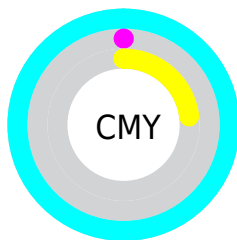
- Red (0%)
- Green (100%)
- Blue (77%)



- Red (0%)
- Yellow (56%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.8939, -58.1372, 16.8916 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 86.8939, -58.1372, 16.8916 by changing the saturation by 10% instead.


 86.8939, -58.1372,
16.8916


 86.8939, -58.1372,
16.8916


219.0102,
-89.5025, 29.0901


 74.8515, -54.1252,
15.5486


 112.7068,
-65.7265, 19.5676

 63.4231, -49.9304,
14.1978


 126.4282,
-69.3494, 20.9082


 52.6440, -45.5099,
12.8318


 140.6652,
-72.8792, 22.2531

 42.5560, -40.8060,
11.4412

 155.3998,
-76.3284, 23.6041

 33.2101, -35.7373,
10.0122

 170.6158,
-79.7073, 24.9624

 24.6706, -30.1844,
8.5227

186.2983,

 17.0226, -24.3913,

-83.0246, 26.3290

6.9360

202.4339,
-86.2876, 27.7046

■ 10.3854, -18.1744,
6.3292

0.0000, NaN, NaN

■ 86.8939, -58.1372,
16.8916

■ 86.8939, -58.1372,
16.8916

■ 86.8937, -58.1383,
16.8942

■ 87.1741, -56.6777,
14.7611

■ 87.6181, -54.5489,
12.7396

■ 88.2715, -51.5803,
10.8914

■ 89.1591, -47.6982,
9.2599

■ 90.2981, -42.8686,
7.8804

■ 91.6999, -37.0904,
6.7797

■ 93.3709, -30.3903,
5.9770

■ 95.3135, -22.8169,
5.4835

■ 97.5260, -14.4353,
5.3033

Harmonies

Analogous

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



86.8941, -46.4375, 36.4081



86.8939, -58.1372, 16.8916



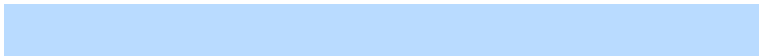
86.8941, -57.1349, -15.2003

Triad

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



86.8941, -58.1362, 16.8909



86.8941, 15.0426, -74.5007



86.8941, 42.4776, 38.3649

Complementary

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



86.8939, -58.1372, 16.8916



46.4511, 80.2247, 24.7396

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.



86.8941, 64.3259, 20.8318



86.8939, -58.1372, 16.8916



86.8941, 46.9406, -46.6818

Square

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



86.8941, -58.1362, 16.8909



86.8941, -18.0509, -76.8196



86.8941, 66.0710, -9.4906



86.8941, 9.6346, 45.3341

Rectangle

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



86.8939, -58.1372, 16.8916



86.8941, -49.4081, -40.2628



86.8941, 66.0710, -9.4906



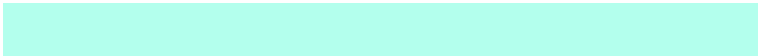
86.8941, 51.5503, 33.8873

Sweetspot

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



86.8941, -58.1362, 16.8909



93.3681, -30.4014, 5.9780



85.1271, -70.1398, 51.2262



42.8552, -15.4225, 2.9051

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.8941, -58.1362, 16.8909



86.8937, -58.1383, 16.8942



65.3952, -16.6606, -45.7707



45.1722, -6.4835, 2.4532



62.8309, -41.9089, 11.9362



19.6479, -12.8191, 3.1147

Inverse Universe

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



46.4511, 80.2247, 24.7396



46.4498, 80.2266, 24.7440



50.3963, 65.2043, 32.1941



42.4923, 2.0149, 2.4339



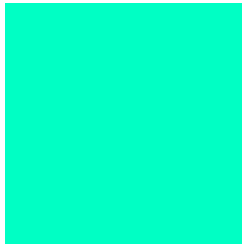
33.6044, 58.0955, 17.4752



10.5613, 18.4064, 4.3447

Previews

White Background



This preview shows how the HunterLab color 86.8939, -58.1372, 16.8916 looks on a white background.

Color Contrast Check

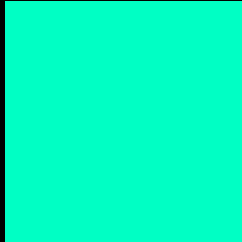
Large Text (above 18pt) WCAG AA × Fail

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 86.8939, -58.1372, 16.8916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

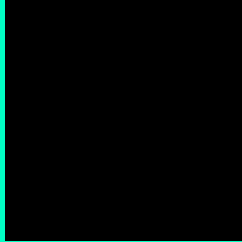
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

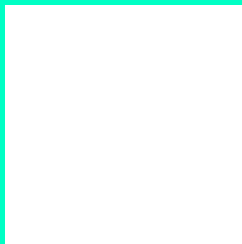
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 86.8939, -58.1372, 16.8916 Background



This preview shows how black text looks on a background with the HunterLab color 86.8939, -58.1372, 16.8916.



This preview shows how white text looks on a background with the HunterLab color 86.8939,

-58.1372, 16.8916.

Color Blindness Simulation

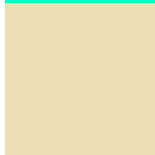
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.8939, -58.1372, 16.8916



Protanopia

86.0669, -6.3707, 23.1766



Deuteranopia

85.8511, 6.6655, 13.1295



Tritanopia

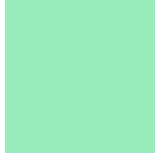
86.5699, -28.4187, -11.9485

Trichromacy



Original Color

86.8939, -58.1372, 16.8916



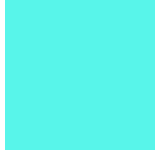
Protanomaly

83.3913, -36.0544, 17.7258



Deuteranomaly

82.6629, -29.2314, 10.3468



Tritanomaly

85.6271, -42.4308, -1.8791

Monochromacy



Original Color

86.8939, -58.1372, 16.8916



Achromatopsia

64.2295, -3.4271, 3.4897



Achromatomaly

69.8774, -30.9177, 5.4244

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.8939, -58.1372, 16.8916 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 86.8939, -58.1372, 16.8916 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, 196) }
```


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

```
.border{ border-color:rgb(0, 255, 196) }
```

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, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.8939, -58.1372, 16.8916 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, 196) }
```

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

```
.background{ background-color: rgb(0, 255,  
196) }
```

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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