

Converting Colors

HunterLab(86.8418, -58.4547,
17.6421)

Have a look what the booklet for
HunterLab(86.8418, -58.4547,
17.6421) contains.

HunterLab(86.8418, -58.4547, 17.6421)	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(86.8418,
-58.4547, 17.6421)**

Conversions

Conversions Part 1

Format	Color
Hex	00FFC2
RGB	0, 255, 194
RGB Percent	0%, 100%, 76%
CMY	0.9999, 0.0000, 0.2392
CMYK	1.00, 0.00, 0.24, 0.00
HSL	166°, 100%, 50%
HSV	166°, 100%, 100%
XYZ	45.4975, 75.4150, 63.1975
YIQ	171.8010, -132.3990, -73.0310

Conversions

Conversions Part 2

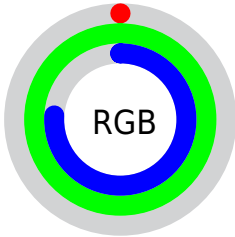
Format	Color
RYB	0, 145, 255
Decimal	65474
CIELab	89.59, -63.99, 15.21
CIELCh	90, 65.770, 166.624
Yxy	75.4154, 0.2471, 0.4096
Android (android.graphics.Color)	4278255554 (0xFF00FC2)
YUV	171.8010, 10.9441, -150.6695
Hunter-Lab	86.8418, -58.4547, 17.6421

Details

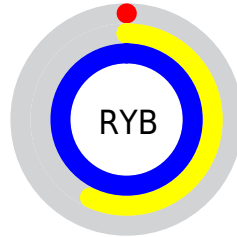
The HunterLab color **86.8418, -58.4547, 17.6421** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **46.4738, 80.3090, 24.4040**, and the grayscale version is **64.1473, -3.4227, 3.4852**.

A 20% lighter version of the original color is **90.6631, -39.7925, -4.5152**, and **64.6730, -45.0051, 16.3175** is the 20% darker color. If you saturate the color by 10%, you get **86.8417, -58.4558, 17.6447**, and if you desaturate by 10%, it is **87.1255, -56.9731, 15.4604**.

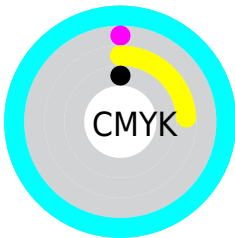
Distribution



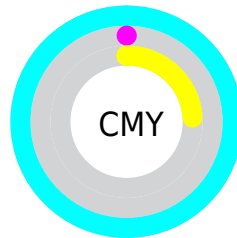
- Red (0%)
- Green (100%)
- Blue (76%)



- Red (0%)
- Yellow (57%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.8418, -58.4547, 17.6421 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 86.8418, -58.4547, 17.6421 by changing the saturation by 10% instead.


 86.8418, -58.4547,
17.6421


 86.8418, -58.4547,
17.6421


218.9393,
-90.0145, 30.1984

 74.8019, -54.4150,
16.2492


 112.6500,
-66.0946, 20.4099


 63.3762, -50.1906,
14.8451


 126.3692,
-69.7407, 21.7931


 52.6000, -45.7380,
13.4218


 140.6041,
-73.2927, 23.1788

 42.5150, -40.9990,
11.9690

 155.3366,
-76.7631, 24.5690

 33.1723, -35.8916,
10.4712

 170.5506,
-80.1625, 25.9650

 24.6364, -30.2952,
8.9047

186.2311,

 16.9924, -24.4947,

-83.4994, 27.3680

7.2291

202.3648,
-86.7813, 28.7788

■ 10.3597, -18.1295,
6.7257

0.0000, NaN, NaN

■ 86.8418, -58.4547,
17.6421

■ 86.8418, -58.4547,
17.6421

■ 86.8417, -58.4558,
17.6447

■ 87.1255, -56.9731,
15.4604

■ 87.5734, -54.8192,
13.3811

■ 88.2312, -51.8226,
11.4690

■ 89.1236, -47.9098,
9.7676

■ 90.2678, -43.0472,
8.3126

■ 91.6751, -37.2344,
7.1319

■ 93.3521, -30.4987,
6.2451

■ 95.3007, -22.8891,
5.6644

■ 97.5195, -14.4713,
5.3944

Harmonies

Analogous

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



86.8420, -46.3611, 36.9598



86.8418, -58.4547, 17.6421



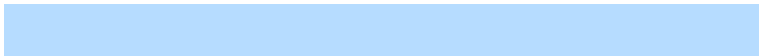
86.8420, -57.7598, -14.5158

Triad

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



86.8420, -58.4537, 17.6415



86.8420, 14.4022, -75.9776



86.8420, 43.7278, 38.3106

Complementary

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



86.8418, -58.4547, 17.6421



46.4738, 80.3090, 24.4040

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.



86.8420, 65.4336, 20.3762



86.8418, -58.4547, 17.6421



86.8420, 46.8384, -48.2142

Square

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



86.8420, -58.4537, 17.6415



86.8420, -18.9263, -77.5998



86.8420, 66.6508, -10.5369



86.8420, 10.6377, 45.4984

Rectangle

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



86.8418, -58.4547, 17.6421



86.8420, -50.1866, -39.8962



86.8420, 66.6508, -10.5369



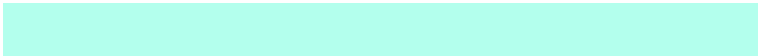
86.8420, 52.8013, 33.7248

Sweetspot

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



86.8420, -58.4537, 17.6415



93.3494, -30.5094, 6.2462



85.2072, -69.7995, 51.2816



42.8454, -15.4795, 3.0458

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.8420, -58.4537, 17.6415



86.8417, -58.4558, 17.6447



66.7796, -18.6649, -43.1746



45.1694, -6.4992, 2.4933



62.7936, -42.1359, 12.4728



19.6372, -12.8841, 3.2683

Inverse Universe

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



46.4738, 80.3090, 24.4040



46.4726, 80.3108, 24.4084



49.9019, 66.7023, 31.9157



42.4951, 2.0299, 2.3940



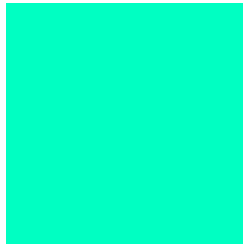
33.6216, 58.1590, 17.2220



10.5681, 18.4313, 4.2461

Previews

White Background



This preview shows how the HunterLab color 86.8418, -58.4547, 17.6421 looks on a white background.

Color Contrast Check

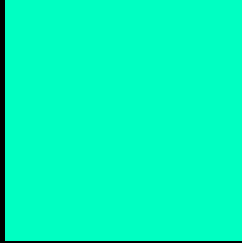
Large Text (above 18pt) WCAG AA × Fail

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 86.8418, -58.4547, 17.6421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

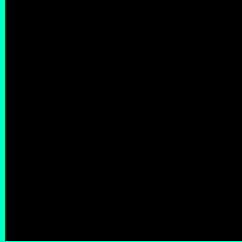
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

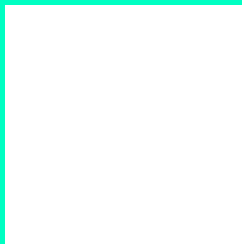
Any Text WCAG AAA ✓ Pass

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

HunterLab 86.8418, -58.4547, 17.6421 Background



This preview shows how black text looks on a background with the HunterLab color 86.8418, -58.4547, 17.6421.



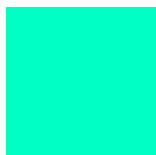
This preview shows how white text looks on a background with the HunterLab color 86.8418,

-58.4547, 17.6421.

Color Blindness Simulation

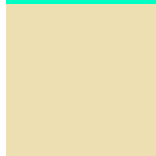
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



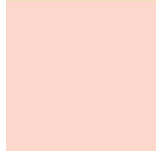
Original Color

86.8418, -58.4547, 17.6421



Protanopia

86.0199, -6.6294, 23.8578



Deuteranopia

85.7952, 6.3664, 13.9330



Tritanopia

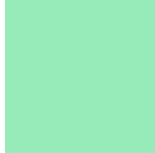
86.5699, -28.4187, -11.9485

Trichromacy



Original Color

86.8418, -58.4547, 17.6421



Protanomaly

83.3407, -36.3513, 18.4568



Deuteranomaly

82.6059, -29.5606, 11.1637



Tritanomaly

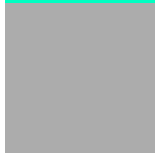
85.5936, -42.6290, -1.4040

Monochromacy



Original Color

86.8418, -58.4547, 17.6421



Achromatopsia

64.2295, -3.4271, 3.4897



Achromatomaly

69.8481, -31.0895, 5.8428

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.8418, -58.4547, 17.6421 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 86.8418, -58.4547, 17.6421 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, 194) }
```


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

```
.border{ border-color:rgb(0, 255, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
194) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.8418, -58.4547, 17.6421 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, 194) }
```

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

```
.background{ background-color: rgb(0, 255,  
194) }
```

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