

Converting Colors

HunterLab(87.8362, -71.7082,
23.7003)

Have a look what the booklet for
HunterLab(87.8362, -71.7082,
23.7003) contains.

HunterLab(86.4958, -60.5693, 22.6395)	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(86.4958,
-60.5693, 22.6395)**

Conversions

Conversions Part 1

Format	Color
Hex	00FFB4
RGB	0, 255, 180
RGB Percent	0%, 100%, 71%
CMY	0.9999, 0.0000, 0.2941
CMYK	1.00, 0.00, 0.29, 0.00
HSL	162°, 100%, 50%
HSV	162°, 100%, 100%
XYZ	43.9982, 74.8152, 55.3018
YIQ	170.2050, -127.9050, -77.3850

Conversions

Conversions Part 2

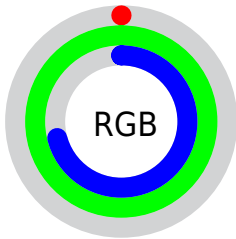
Format	Color
RYB	0, 149, 255
Decimal	65460
CIELab	89.31, -67.12, 21.99
CIELCh	89, 70.632, 161.860
Yxy	74.8156, 0.2527, 0.4297
Android (android.graphics.Color)	4278255540 (0xFF00FFB4)
YUV	170.2050, 4.8289, -149.2698
Hunter-Lab	86.4958, -60.5693, 22.6395

Details

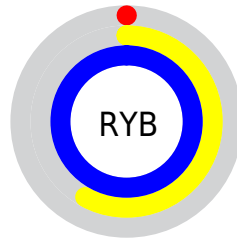
The HunterLab color **86.4958, -60.5693, 22.6395** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **46.6575, 80.9879, 21.7017**, and the grayscale version is **63.5095, -3.3887, 3.4506**.

A 20% lighter version of the original color is **90.1605, -42.7488, 2.6226**, and **64.3932, -46.7219, 20.3734** is the 20% darker color. If you saturate the color by 10%, you get **86.4956, -60.5705, 22.6422**, and if you desaturate by 10%, it is **86.8003, -58.9538, 20.1474**.

Distribution



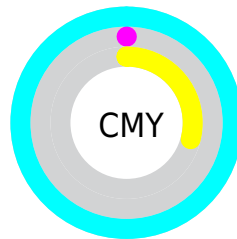
- Red (0%)
- Green (100%)
- Blue (71%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.4958, -60.5693, 22.6395 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 86.4958, -60.5693, 22.6395 by changing the saturation by 10% instead.


 86.4958, -60.5693,
22.6395


 86.4958, -60.5693,
22.6395


218.4682,
-93.4455, 37.7570


 74.4727, -56.3423,
20.8874


 112.2726,
-68.5513, 26.0667


 63.0647, -51.9169,
19.0994


 125.9770,
-72.3552, 27.7553


 52.3073, -47.2468,
17.2625


 140.1977,
-76.0574, 29.4331

 42.2424, -42.2703,
15.3595

 154.9165,
-79.6716, 31.1034

 32.9214, -36.9002,
13.3652

 170.1172,
-83.2089, 32.7689

 24.4093, -31.0097,
11.2418

185.7848,

 16.7917, -25.2084,

-86.6786, 34.4318

8.9654

201.9060,
-90.0885, 36.0940

■ 10.1897, -17.8320,
7.1328

0.0000, NaN, NaN

■ 86.4958, -60.5693,
22.6395

■ 86.4958, -60.5693,
22.6395

■ 86.4956, -60.5705,
22.6422

■ 86.8003, -58.9538,
20.1474

■ 87.2726, -56.6426,
17.7083

■ 87.9583, -53.4658,
15.3869

■ 88.8821, -49.3519,
13.2296

■ 90.0607, -44.2706,
11.2756

■ 91.5054, -38.2251,
9.5572

■ 93.2220, -31.2467,
8.0997

■ 95.2124, -23.3889,
6.9206

■ 97.4746, -14.7210,
6.0303

Harmonies

Analogous

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



86.4960, -45.7521, 40.5391



86.4958, -60.5693, 22.6395



86.4960, -61.9714, -9.7850

Triad

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



86.4960, -60.5684, 22.6388



86.4960, 9.9151, -86.4296



86.4960, 52.5425, 37.8832

Complementary

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



86.4958, -60.5693, 22.6395



46.6575, 80.9879, 21.7017

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.



86.4960, 73.1510, 17.0597



86.4958, -60.5693, 22.6395



86.4960, 46.0065, -59.2467

Square

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



86.4960, -60.5684, 22.6388



86.4960, -24.9312, -82.9357



86.4960, 70.5822, -18.1369



86.4960, 17.7580, 46.5639

Rectangle

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



86.4958, -60.5693, 22.6395



86.4960, -55.4530, -37.2377



86.4960, 70.5822, -18.1369



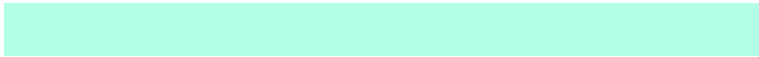
86.4960, 61.5929, 32.5269

Sweetspot

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



86.4960, -60.5684, 22.6388



93.2195, -31.2568, 8.1015



85.4858, -68.6196, 51.4739



42.7774, -15.8731, 4.0172

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

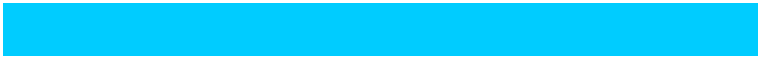
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.4960, -60.5684, 22.6388



86.4956, -60.5705, 22.6422



70.9995, -24.5776, -35.6854



45.1498, -6.6085, 2.7735



62.5459, -43.6495, 16.0499



19.5655, -13.3207, 4.3004

Inverse Universe

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



46.6575, 80.9879, 21.7017



46.6563, 80.9894, 21.7064



48.6109, 70.7173, 31.1906



42.5147, 2.1354, 2.1143



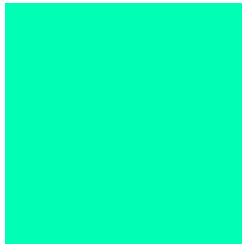
33.7592, 58.6669, 15.2007



10.6198, 18.6215, 3.4919

Previews

White Background



This preview shows how the HunterLab color 86.4958, -60.5693, 22.6395 looks on a white background.

Color Contrast Check

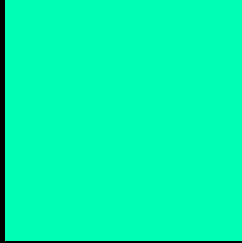
Large Text (above 18pt) WCAG AA × Fail

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 86.4958, -60.5693, 22.6395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

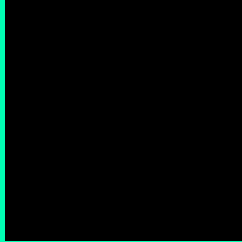
Any Text WCAG AA ✓ Pass

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 86.4958, -60.5693, 22.6395 Background



This preview shows how black text looks on a background with the HunterLab color 86.4958, -60.5693, 22.6395.



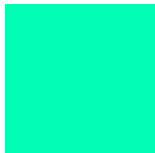
This preview shows how white text looks on a background with the HunterLab color 86.4958,

-60.5693, 22.6395.

Color Blindness Simulation

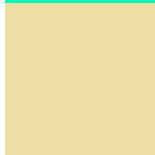
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



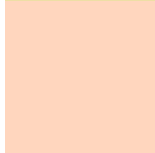
Original Color

86.4958, -60.5693, 22.6395



Protanopia

85.5198, -7.3670, 27.8886



Deuteranopia

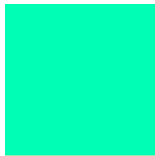
85.4815, 6.1450, 18.9920



Tritanopia

86.0357, -28.6766, -12.6846

Trichromacy



Original Color

86.4958, -60.5693, 22.6395



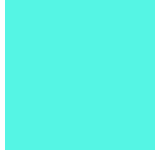
Protanomaly

82.6603, -37.8905, 22.9935



Deuteranomaly

82.0153, -30.8262, 16.4153



Tritanomaly

85.3449, -43.9365, 0.8291

Monochromacy



Original Color

86.4958, -60.5693, 22.6395



Achromatopsia

63.4017, -3.3830, 3.4447



Achromatomaly

69.2946, -31.8516, 7.8785

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.4958, -60.5693, 22.6395 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 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, 255, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 86.4958, -60.5693, 22.6395 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, 180) }
```


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

```
.border{ border-color:rgb(0, 255, 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, 255, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 180);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.4958, -60.5693, 22.6395 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, 180) }
```

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

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