

Converting Colors

HunterLab(78.9918, -54.2751,
18.4315)

Have a look what the booklet for
HunterLab(78.9918, -54.2751,
18.4315) contains.

| | |
|--|----|
| HunterLab(78.9906, -54.2728, 18.4280) | 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(78.9906,
-54.2728, 18.4280)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00EBAC |
| RGB | 0, 235, 172 |
| RGB Percent | 0%, 92%, 67% |
| CMY | 0.9999, 0.0784, 0.3255 |
| CMYK | 1.00, 0.00, 0.27, 0.08 |
| HSL | 164°, 100%, 46% |
| HSV | 164°, 100%, 92% |
| XYZ | 37.1547, 62.3951, 49.1149 |
| YIQ | 157.5530, -119.8370, -69.4130 |

Conversions

Conversions Part 2

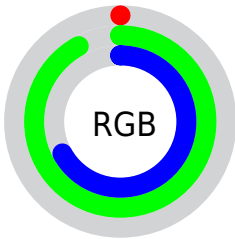
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 136, 235 |
| Decimal | 60332 |
| CIELab | 83.12, -61.66, 17.52 |
| CIELCh | 83, 64.104, 164.141 |
| Yxy | 62.3976, 0.2499, 0.4197 |
| Android (android.graphics.Color) | 4278250412 (0xFF00EBAC) |
| YUV | 157.5530, 7.1224, -138.1740 |
| Hunter-Lab | 78.9906, -54.2728, 18.4280 |

Details

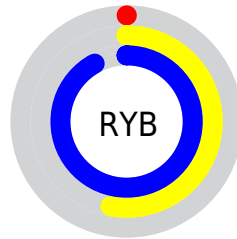
The HunterLab color **78.9906, -54.2728, 18.4280** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle washed spring green. A complement of this color would be **42.4532, 73.5445, 20.8726**, and the grayscale version is **58.3029, -3.1109, 3.1677**.

A 20% lighter version of the original color is **89.7223, -44.9687, 5.9961**, and **57.6167, -41.0040, 16.5000** is the 20% darker color. If you saturate the color by 10%, you get **78.9918, -54.2751, 18.4315**, and if you desaturate by 10%, it is **79.2678, -52.8295, 16.2960**.

Distribution



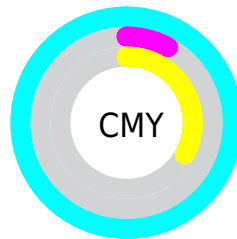
- Red (0%)
- Green (92%)
- Blue (67%)



- Red (0%)
- Yellow (53%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (8%)





- Cyan (100%)
- Magenta (8%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 78.9906, -54.2728, 18.4280 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 78.9906, -54.2728, 18.4280 by changing the saturation by 10% instead.


 78.9906, -54.2728,
18.4280

 78.9906, -54.2728,
18.4280


208.1778,
-85.3595, 31.8494


 67.3454, -50.2589,
16.9044


 104.0673,
-61.8359, 21.4309

 56.3351, -46.0431,
15.3548


 117.4426,
-65.4334, 22.9191

 46.0002, -41.5763,
13.7685


 131.3464,
-68.9326, 24.4037

 36.3884, -36.7888,
12.1296

 145.7592,
-72.3473, 25.8873

 27.5587, -31.5796,
10.4136

 160.6639,
-75.6888, 27.3722

 19.5878, -25.7959,
8.5811

176.0445,

 12.5805, -22.0159,

-78.9663, 28.8599

7.1227

191.8868,
-82.1876, 30.3519

■ 5.8813, -10.2922,
4.1169

0.0000, NaN, NaN

■ 78.9906, -54.2728,
18.4280

■ 78.9906, -54.2728,
18.4280

■ 78.9918, -54.2751,
18.4315

■ 79.2678, -52.8295,
16.2960

■ 79.6931, -50.7689,
14.2327

■ 80.3107, -47.9334,
12.2995

■ 81.1424, -44.2593,
10.5367

■ 82.2032, -39.7188,
8.9778

■ 83.5033, -34.3140,
7.6500

■ 85.0480, -28.0717,
6.5733

■ 86.8392, -21.0385,
5.7612

■ 88.8750, -13.2752,
5.2205

Harmonies

Analogous

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



78.9921, -41.9921, 35.3895



78.9906, -54.2728, 18.4280



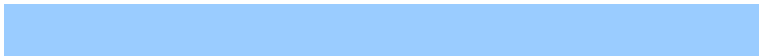
78.9921, -54.6158, -11.0428

Triad

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



78.9921, -54.2734, 18.4287



78.9921, 11.0645, -74.0372



78.9921, 43.8984, 34.7323

Complementary

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



78.9906, -54.2728, 18.4280



42.4532, 73.5445, 20.8726

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.



78.9921, 63.1983, 17.0731



78.9906, -54.2728, 18.4280



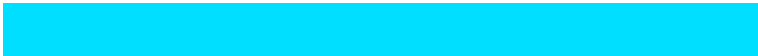
78.9921, 42.3330, -48.9593

Square

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



78.9921, -54.2734, 18.4287



78.9921, -20.0371, -73.2104



78.9921, 62.5844, -13.0440



78.9921, 12.9508, 41.9774

Rectangle

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



78.9906, -54.2728, 18.4280



78.9921, -48.2023, -35.1601



78.9921, 62.5844, -13.0440



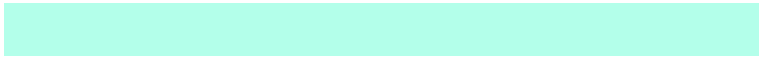
78.9921, 52.1638, 30.2008

Sweetspot

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



78.9921, -54.2734, 18.4287



93.2807, -30.9045, 7.2269



77.8449, -62.8578, 46.8665



42.8094, -15.6877, 3.5597

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



78.9921, -54.2734, 18.4287



86.6556, -59.5916, 20.3291



63.4966, -20.7226, -34.6293



41.2904, -5.9631, 2.4127



58.9474, -40.3738, 13.4765



16.5662, -11.0213, 3.0856

Inverse Universe

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



42.4532, 73.5445, 20.8726



46.5638, 80.6480, 23.0649



44.7498, 63.0670, 28.6775



38.8849, 1.8703, 2.0557



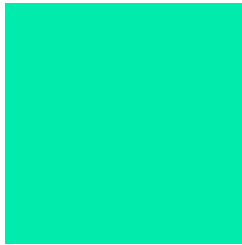
31.6981, 54.9715, 15.1535



8.9697, 15.7254, 2.9712

Previews

White Background



This preview shows how the HunterLab color 78.9906, -54.2728, 18.4280 looks on a white background.

Color Contrast Check

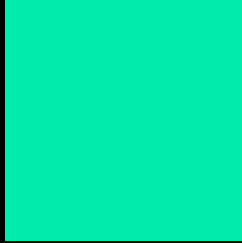
Large Text (above 18pt) WCAG AA × Fail

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 78.9906, -54.2728, 18.4280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

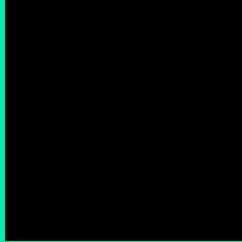
Any Text WCAG AA ✓ Pass

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 78.9906, -54.2728, 18.4280 Background



This preview shows how black text looks on a background with the HunterLab color 78.9906, -54.2728, 18.4280.



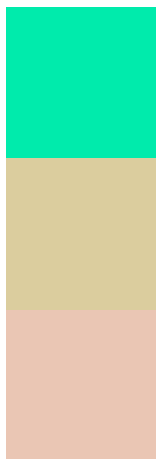
This preview shows how white text looks on a background with the HunterLab color 78.9906, -54.2728, 18.4280.

-54.2728, 18.4280.

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

78.9906, -54.2728, 18.4280

Protanopia

78.2249, -6.3327, 23.5732

Deuteranopia

78.2150, 5.4490, 15.5590



Tritanopia

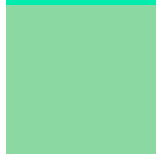
79.0583, -33.1687, -16.0523

Trichromacy



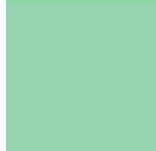
Original Color

78.9906, -54.2728, 18.4280



Protanomaly

75.6605, -33.7567, 18.8775



Deuteranomaly

74.9349, -27.2196, 12.7872



Tritanomaly

78.5834, -42.2536, -2.3617

Monochromacy



Original Color

78.9906, -54.2728, 18.4280



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

63.6623, -28.5926, 6.4573

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.9906, -54.2728, 18.4280 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, 235, 172)` looks like.

```
.text, #text, p{  
    color:rgb(0, 235, 172)  
}
```

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, 235, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 235, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 78.9906, -54.2728, 18.4280 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, 235, 172) }
```


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

```
.border{ border-color:rgb(0, 235, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 235, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 235, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 235, 172);  
box-shadow:4px 4px 4px 4px rgb(0, 235,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.9906, -54.2728, 18.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 235, 172) }
```

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

```
.background{ background-color: rgb(0, 235,  
172) }
```

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