

Converting Colors

HunterLab(76.3547, -58.4872,
14.0054)

Have a look what the booklet for
HunterLab(76.3547, -58.4872,
14.0054) contains.

HunterLab(78.0050, -52.5434, 15.9267)	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(78.0050,
-52.5434, 15.9267)**

Conversions

Conversions Part 1

Format	Color
Hex	00E8B0
RGB	0, 232, 176
RGB Percent	0%, 91%, 69%
CMY	0.9999, 0.0902, 0.3098
CMYK	1.00, 0.00, 0.24, 0.09
HSL	166°, 100%, 45%
HSV	166°, 100%, 91%
XYZ	36.6931, 60.8478, 50.8852
YIQ	156.2480, -120.2960, -66.6000

Conversions

Conversions Part 2

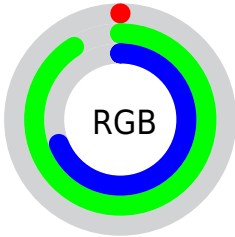
Format	Color
RYB	0, 132, 232
Decimal	59568
CIELab	82.30, -59.62, 14.27
CIELCh	82, 61.308, 166.538
Yxy	60.8502, 0.2472, 0.4100
Android (android.graphics.Color)	4278249648 (0xFF00E8B0)
YUV	156.2480, 9.7377, -137.0295
Hunter-Lab	78.0050, -52.5434, 15.9267

Details

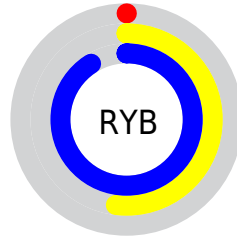
The HunterLab color **78.0050, -52.5434, 15.9267** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **41.7649, 72.2035, 21.6815**, and the grayscale version is **57.7614, -3.0820, 3.1383**.

A 20% lighter version of the original color is **89.8116, -44.3682, 4.1655**, and **56.6480, -39.5634, 14.6008** is the 20% darker color. If you saturate the color by 10%, you get **78.0062, -52.5458, 15.9303**, and if you desaturate by 10%, it is **78.2696, -51.1788, 13.9717**.

Distribution



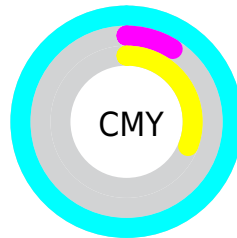
- Red (0%)
- Green (91%)
- Blue (69%)



- Red (0%)
- Yellow (52%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)





- Cyan (100%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 78.0050, -52.5434, 15.9267 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 78.0050, -52.5434, 15.9267 by changing the saturation by 10% instead.


 78.0050, -52.5434,
15.9267


 78.0050, -52.5434,
15.9267


206.8150,
-82.8326, 28.1035


 66.4110, -48.6376,
14.5780


 102.9864,
-59.9049, 18.6090

 55.4549, -44.5356,
13.2152


 116.3171,
-63.4078, 19.9488

 45.1779, -40.1888,
11.8307


 130.1780,
-66.8162, 21.2915

 35.6283, -35.5282,
10.4118

 144.5495,
-70.1433, 22.6391

 26.8663, -30.4526,
8.9393

 159.4141,
-73.4002, 23.9930

 18.9705, -24.8079,
7.3811

174.7559,

 12.0490, -21.0857,

-76.5958, 25.3544

6.0498

190.5606,
-79.7378, 26.7243

■ 5.0440, -8.8270,
3.5308

0.0000, NaN, NaN

■ 78.0050, -52.5434,
15.9267

■ 78.0050, -52.5434,
15.9267

■ 78.0062, -52.5458,
15.9303

■ 78.2696, -51.1788,
13.9717

■ 78.6784, -49.2168,
12.1049

■ 79.2751, -46.5013,
10.3869

■ 80.0811, -42.9688,
8.8560

■ 81.1115, -38.5908,
7.5438

■ 82.3761, -33.3680,
6.4747

■ 83.8806, -27.3249,
5.6663

■ 85.6267, -20.5056,
5.1293

■ 87.6130, -12.9684,
4.8680

Harmonies

Analogous

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



78.0065, -41.6388, 33.2602



78.0050, -52.5434, 15.9267



78.0065, -51.9533, -12.9667

Triad

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



78.0065, -52.5439, 15.9274



78.0065, 12.8693, -68.4104



78.0065, 39.4154, 34.4093

Complementary

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



78.0050, -52.5434, 15.9267



41.7649, 72.2035, 21.6815

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.



78.0065, 58.8987, 18.2553



78.0050, -52.5434, 15.9267



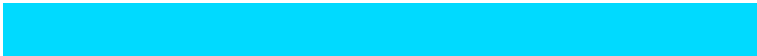
78.0065, 42.0647, -43.4763

Square

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



78.0065, -52.5439, 15.9274



78.0065, -17.0953, -69.7926



78.0065, 59.9354, -9.5781



78.0065, 9.6636, 40.8895

Rectangle

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



78.0050, -52.5434, 15.9267



78.0065, -45.1666, -35.8001



78.0065, 59.9354, -9.5781



78.0065, 47.5663, 30.2781

Sweetspot

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



78.0065, -52.5439, 15.9274



93.3442, -30.5393, 6.3204



76.5609, -62.6283, 46.0793



42.8426, -15.4953, 3.0847

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



78.0065, -52.5439, 15.9274



86.8273, -58.5431, 17.8511



60.0858, -16.9051, -38.6068



40.3408, -5.7691, 2.2357



58.1385, -39.0419, 11.6121



15.8495, -10.3380, 2.5062

Inverse Universe

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



41.7649, 72.2035, 21.6815



46.4790, 80.3347, 24.3131



44.9280, 59.6151, 28.7268



37.9799, 1.7718, 2.1283



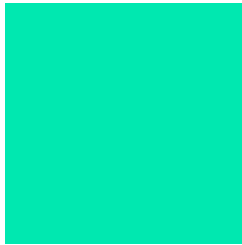
31.1438, 53.8969, 15.7661



8.5506, 14.9626, 3.0489

Previews

White Background



This preview shows how the HunterLab color 78.0050, -52.5434, 15.9267 looks on a white background.

Color Contrast Check

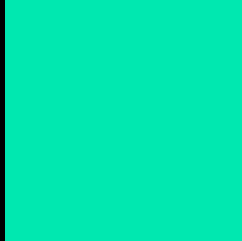
Large Text (above 18pt) WCAG AA × Fail

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 78.0050, -52.5434, 15.9267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

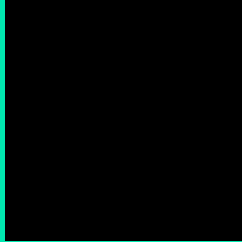
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

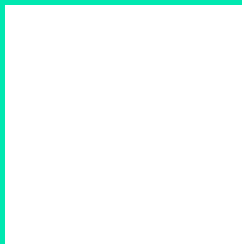
Any Text WCAG AAA ✓ Pass

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

HunterLab 78.0050, -52.5434, 15.9267 Background



This preview shows how black text looks on a background with the HunterLab color 78.0050, -52.5434, 15.9267.



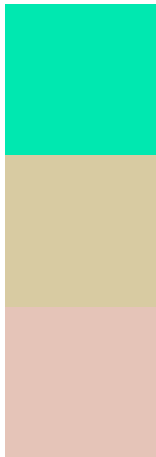
This preview shows how white text looks on a background with the HunterLab color 78.0050,

-52.5434, 15.9267.

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

78.0050, -52.5434, 15.9267

Protanopia

77.4076, -5.8759, 21.4135

Deuteranopia

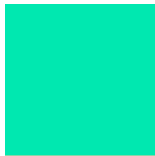
77.2001, 5.2597, 12.8354



Tritanopia

77.8345, -32.8067, -16.0048

Trichromacy



Original Color

78.0050, -52.5434, 15.9267



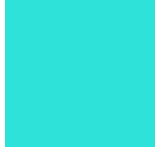
Protanomaly

74.9677, -32.7662, 16.7074



Deuteranomaly

74.1944, -26.4010, 10.3218



Tritanomaly

77.4641, -41.3325, -3.2349

Monochromacy



Original Color

78.0050, -52.5434, 15.9267



Achromatopsia

57.6586, -3.0765, 3.1327



Achromatomaly

62.9110, -28.1038, 5.6175

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.0050, -52.5434, 15.9267 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, 232, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 232, 176)  
}
```

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, 232, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 232, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 78.0050, -52.5434, 15.9267 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, 232, 176) }
```


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

```
.border{ border-color:rgb(0, 232, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 232, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 232, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 232, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 232,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.0050, -52.5434, 15.9267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 232, 176) }
```

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

```
.background{ background-color: rgb(0, 232,  
176) }
```

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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