

Converting Colors

HunterLab(75.8123, -52.5298,
18.6253)

Have a look what the booklet for
HunterLab(75.8123, -52.5298,
18.6253) contains.

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Color

**HunterLab(75.8831,
-52.6292, 18.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	00E3A3
RGB	0, 227, 163
RGB Percent	0%, 89%, 64%
CMY	0.9999, 0.1098, 0.3608
CMYK	1.00, 0.00, 0.28, 0.11
HSL	163°, 100%, 45%
HSV	163°, 100%, 89%
XYZ	34.0799, 57.5824, 43.9686
YIQ	151.8310, -114.7480, -68.0280

Conversions

Conversions Part 2

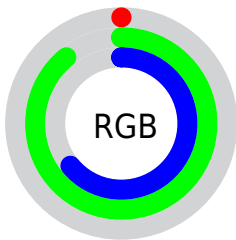
Format	Color
RYB	0, 132, 227
Decimal	58275
CIELab	80.51, -60.76, 18.56
CIELCh	81, 63.533, 163.012
Yxy	57.5847, 0.2513, 0.4246
Android (android.graphics.Color)	4278248355 (0xFF00E3A3)
YUV	151.8310, 5.5063, -133.1558
Hunter-Lab	75.8831, -52.6292, 18.7640

Details

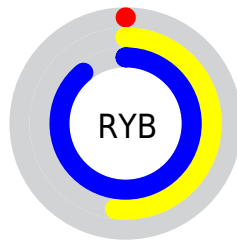
The HunterLab color **75.8831, -52.6292, 18.7640** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **40.8687, 70.8918, 19.3813**, and the grayscale version is **55.9822, -2.9871, 3.0416**.

A 20% lighter version of the original color is **89.3141, -47.1796, 10.1769**, and **54.6783, -39.3932, 16.6955** is the 20% darker color. If you saturate the color by 10%, you get **75.8843, -52.6313, 18.7671**, and if you desaturate by 10%, it is **76.1569, -51.2014, 16.6538**.

Distribution



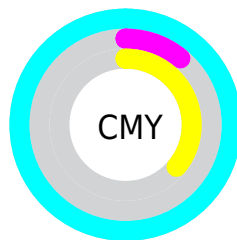
- Red (0%)
- Green (89%)
- Blue (64%)



- Red (0%)
- Yellow (52%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (11%)





- Cyan (100%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.8831, -52.6292, 18.7640 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 75.8831, -52.6292, 18.7640 by changing the saturation by 10% instead.


 75.8831, -52.6292,
18.7640


 75.8831, -52.6292,
18.7640


203.8717,
-83.5384, 32.5988

 64.4010, -48.6219,
17.1762


 100.6568,
-60.1654, 21.8796


 53.5634, -44.4054,
15.5555


 113.8903,
-63.7451, 23.4183


 43.4128, -39.9270,
13.8890


 127.6577,
-67.2246, 24.9502

 33.9993, -35.1115,
12.1577

 141.9391,
-70.6182, 26.4785

 25.3861, -29.8482,
10.3318

 156.7166,
-73.9375, 28.0057

 17.6556, -24.0774,
8.3634

171.9741,

 10.9235, -19.1162,

-77.1922, 29.5338

7.6465

187.6969,
-80.3902, 31.0644

■ 2.3700, -4.1474,
1.6590

0.0000, NaN, NaN

■ 75.8831, -52.6292,
18.7640

■ 75.8831, -52.6292,
18.7640

■ 75.8843, -52.6313,
18.7671

■ 76.1569, -51.2014,
16.6538

■ 76.5732, -49.1785,
14.5984

■ 77.1748, -46.4070,
12.6571

■ 77.9824, -42.8270,
10.8691

■ 79.0104, -38.4131,
9.2671

■ 80.2682, -33.1684,
7.8778

■ 81.7609, -27.1197,
6.7217

■ 83.4901, -20.3123,
5.8128

■ 85.4540, -12.8053,
5.1588

Harmonies

Analogous

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



75.8846, -40.2464, 34.7728



75.8831, -52.6292, 18.7640



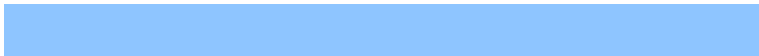
75.8846, -53.3996, -9.6217

Triad

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



75.8846, -52.6298, 18.7647



75.8846, 9.6911, -73.4062



75.8846, 44.0771, 33.3052

Complementary

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



75.8831, -52.6292, 18.7640



40.8687, 70.8918, 19.3813

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.



75.8846, 62.3990, 15.7104



75.8831, -52.6292, 18.7640



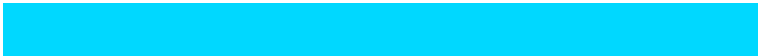
75.8846, 40.5252, -49.4234

Square

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



75.8846, -52.6298, 18.7647



75.8846, -20.5303, -71.5191



75.8846, 61.0045, -14.1614



75.8846, 13.9623, 40.5856

Rectangle

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



75.8831, -52.6292, 18.7640



75.8846, -47.4544, -33.2431



75.8846, 61.0045, -14.1614



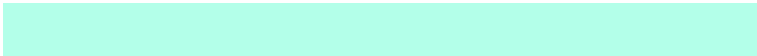
75.8846, 52.0188, 28.7844

Sweetspot

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



75.8846, -52.6298, 18.7647



93.2480, -31.0925, 7.6934



74.8609, -60.4120, 45.0707



42.7923, -15.7866, 3.8038

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.8846, -52.6298, 18.7647



86.5696, -60.1178, 21.5726



61.0882, -19.9701, -33.2437



40.3280, -5.8405, 2.4185



57.9682, -40.0823, 14.0710



15.8077, -10.5923, 3.1074

Inverse Universe

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



40.8687, 70.8918, 19.3813



46.6118, 80.8252, 22.3595



43.0643, 60.5373, 27.5948



37.9927, 1.8406, 1.9459



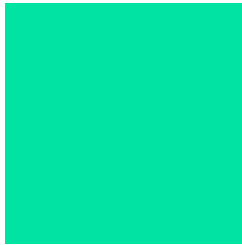
31.2368, 54.2405, 14.3983



8.5823, 15.0790, 2.5877

Previews

White Background



This preview shows how the HunterLab color 75.8831, -52.6292, 18.7640 looks on a white background.

Color Contrast Check

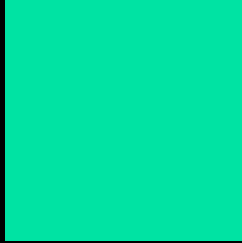
Large Text (above 18pt) WCAG AA × Fail

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 75.8831, -52.6292, 18.7640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

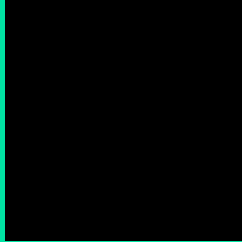
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

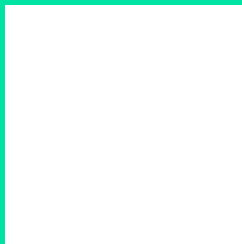
Any Text WCAG AAA ✓ Pass

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

HunterLab 75.8831, -52.6292, 18.7640 Background



This preview shows how black text looks on a background with the HunterLab color 75.8831, -52.6292, 18.7640.



This preview shows how white text looks on a background with the HunterLab color 75.8831, -52.6292, 18.7640.

-52.6292, 18.7640.

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

75.8831, -52.6292, 18.7640

Protanopia

75.2032, -6.3515, 23.8115

Deuteranopia

75.1883, 5.3078, 16.0421



Tritanopia

75.9189, -31.8310, -15.1581

Trichromacy



Original Color

75.8831, -52.6292, 18.7640



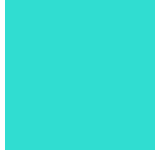
Protanomaly

72.8594, -32.8759, 19.4419



Deuteranomaly

72.0709, -26.6529, 13.4670



Tritanomaly

75.4617, -40.7900, -1.6094

Monochromacy



Original Color

75.8831, -52.6292, 18.7640



Achromatopsia

56.0347, -2.9899, 3.0445



Achromatomaly

60.9770, -27.5234, 6.5095

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.8831, -52.6292, 18.7640 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, 227, 163)` looks like.

```
.text, #text, p{  
    color:rgb(0, 227, 163)  
}
```

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, 227, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 227, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 75.8831, -52.6292, 18.7640 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, 227, 163) }
```


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

```
.border{ border-color:rgb(0, 227, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 227, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 227, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 227, 163);  
box-shadow:4px 4px 4px 4px rgb(0, 227,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.8831, -52.6292, 18.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 227, 163) }
```

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

```
.background{ background-color: rgb(0, 227,  
163) }
```

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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