

Converting Colors

HunterLab(72.2016, -48.9370,
15.3952)

Have a look what the booklet for
HunterLab(72.2016, -48.9370,
15.3952) contains.

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Color

**HunterLab(72.2733,
-49.0888, 15.6333)**

Conversions

Conversions Part 1

Format	Color
Hex	00D9A2
RGB	0, 217, 162
RGB Percent	0%, 85%, 64%
CMY	0.9999, 0.1490, 0.3647
CMYK	1.00, 0.00, 0.25, 0.15
HSL	165°, 100%, 43%
HSV	165°, 100%, 85%
XYZ	31.3344, 52.2343, 42.6131
YIQ	145.8470, -111.6770, -63.1090

Conversions

Conversions Part 2

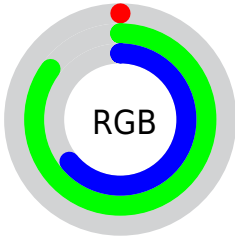
Format	Color
RYB	0, 124, 217
Decimal	55714
CIELab	77.42, -57.27, 14.78
CIELCh	77, 59.145, 165.531
Yxy	52.2363, 0.2483, 0.4140
Android (android.graphics.Color)	4278245794 (0xFF00D9A2)
YUV	145.8470, 7.9634, -127.9078
Hunter-Lab	72.2733, -49.0888, 15.6333

Details

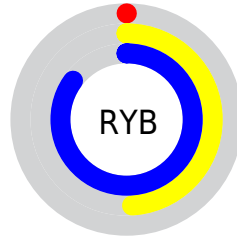
The HunterLab color **72.2733, -49.0888, 15.6333** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **38.7672, 67.0982, 19.5293**, and the grayscale version is **53.5574, -2.8577, 2.9099**.

A 20% lighter version of the original color is **89.2154, -47.6285, 10.5141**, and **51.5902, -36.4483, 14.1980** is the 20% darker color. If you saturate the color by 10%, you get **72.2744, -49.0909, 15.6363**, and if you desaturate by 10%, it is **72.5283, -47.7747, 13.7695**.

Distribution



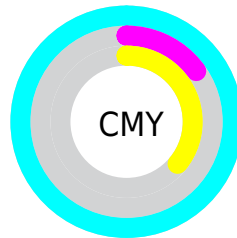
- Red (0%)
- Green (85%)
- Blue (64%)



- Red (0%)
- Yellow (49%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (15%)





- Cyan (100%)
- Magenta (15%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.2733, -49.0888, 15.6333 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 72.2733, -49.0888, 15.6333 by changing the saturation by 10% instead.


 72.2733, -49.0888,
15.6333


 72.2733, -49.0888,
15.6333


198.8337,
-78.7445, 27.9896


 60.9865, -45.2391,
14.2508


 96.6849, -56.3205,
18.3705


 50.3561, -41.1828,
12.8484


 109.7493,
-59.7537, 19.7333


 40.4271, -36.8654,
11.4161


 123.3542,
-63.0907, 21.0967

 31.2531, -32.2075,
9.9376

 137.4790,
-66.3455, 22.4631

 22.9022, -27.0901,
8.3873

 152.1053,
-69.5297, 23.8343

 15.4654, -22.0418,
6.7215

167.2163,

 9.0645, -15.8629,

-72.6525, 25.2117

6.3452

182.7970,
-75.7219, 26.5965

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.2733, -49.0888,
15.6333

■ 72.2733, -49.0888,
15.6333

■ 72.2744, -49.0909,
15.6363

■ 72.5283, -47.7747,
13.7695

■ 72.9161, -45.9099,
11.9783

■ 73.4781, -43.3455,
10.3169

■ 74.2337, -40.0248,
8.8207

■ 75.1964, -35.9232,

7.5192

■ 76.3753, -31.0422,
6.4354

■ 77.7753, -25.4056,
5.5863

■ 79.3980, -19.0546,
4.9827

■ 81.2419, -12.0434,
4.6293

Harmonies

Analogous

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



72.2747, -38.5177, 31.4719



72.2733, -49.0888, 15.6333



72.2747, -48.8984, -11.2255

Triad

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



72.2747, -49.0893, 15.6340



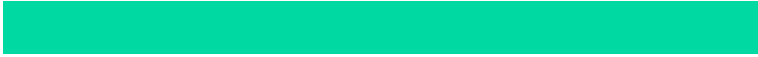
72.2747, 11.1833, -65.1726



72.2747, 38.0172, 31.8412

Complementary

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



72.2733, -49.0888, 15.6333



38.7672, 67.0982, 19.5293

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.



72.2747, 55.9116, 16.3876



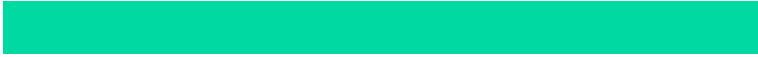
72.2733, -49.0888, 15.6333



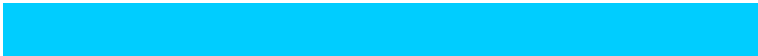
72.2747, 38.8801, -42.1268

Square

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



72.2747, -49.0893, 15.6340



72.2747, -16.8708, -65.6250



72.2747, 56.2496, -10.1221



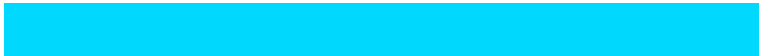
72.2747, 10.1411, 38.1040

Rectangle

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



72.2733, -49.0888, 15.6333



72.2747, -42.7840, -32.7625



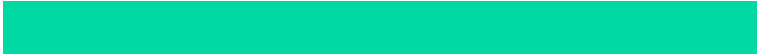
72.2747, 56.2496, -10.1221



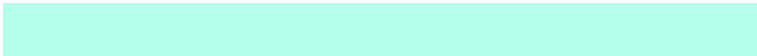
72.2747, 45.5748, 27.8830

Sweetspot

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



72.2747, -49.0893, 15.6340



93.3154, -30.7049, 6.7314



71.0800, -57.7105, 42.7882



42.8275, -15.5825, 3.3001

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.2747, -49.0893, 15.6340



86.7487, -59.0227, 18.9846



56.9380, -17.4114, -33.5796



38.4321, -5.4997, 2.1813



56.2473, -38.0971, 11.9364



14.3639, -9.4084, 2.3565

Inverse Universe

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



38.7672, 67.0982, 19.5293



46.5161, 80.4718, 23.7668



41.3400, 56.2634, 26.4574



36.2014, 1.6880, 1.9765



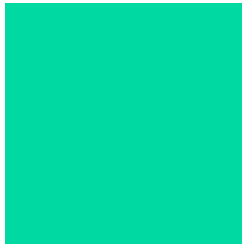
30.1851, 52.2943, 14.8436



7.7729, 13.6415, 2.4637

Previews

White Background



This preview shows how the HunterLab color 72.2733, -49.0888, 15.6333 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 72.2733, -49.0888, 15.6333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

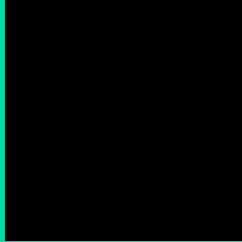
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

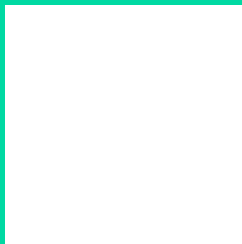
Any Text WCAG AAA ✓ Pass

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

HunterLab 72.2733, -49.0888, 15.6333 Background



This preview shows how black text looks on a background with the HunterLab color 72.2733, -49.0888, 15.6333.



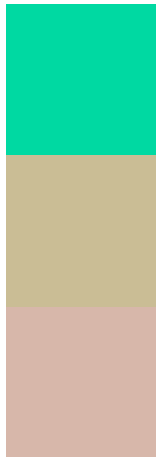
This preview shows how white text looks on a background with the HunterLab color 72.2733, -49.0888, 15.6333.

-49.0888, 15.6333.

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

72.2733, -49.0888, 15.6333

Protanopia

71.4994, -5.3420, 20.3857

Deuteranopia

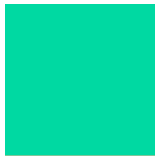
71.5656, 4.9920, 12.6788



Tritanopia

72.3837, -30.3640, -14.8651

Trichromacy



Original Color

72.2733, -49.0888, 15.6333



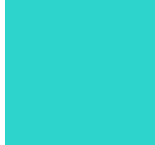
Protanomaly

69.1716, -29.9329, 15.8947



Deuteranomaly

68.6576, -24.4585, 10.3072



Tritanomaly

72.0810, -38.4650, -2.7313

Monochromacy



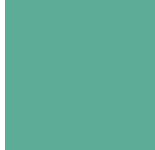
Original Color

72.2733, -49.0888, 15.6333



Achromatopsia

53.6135, -2.8607, 2.9129



Achromatomaly

58.3945, -25.9716, 5.3665

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.2733, -49.0888, 15.6333 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, 217, 162)` looks like.

```
.text, #text, p{  
    color:rgb(0, 217, 162)  
}
```

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, 217, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 217, 162) }
```

Border

The CSS property to change the border of an element to HunterLab 72.2733, -49.0888, 15.6333 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, 217, 162) }
```


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

```
.border{ border-color:rgb(0, 217, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 217, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 217, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 217, 162);  
box-shadow:4px 4px 4px 4px rgb(0, 217,  
162) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.2733, -49.0888, 15.6333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 217, 162) }
```

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

```
.background{ background-color: rgb(0, 217,  
162) }
```

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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