

Converting Colors

HunterLab(72.9484, -56.2944,
11.9201)

Have a look what the booklet for
HunterLab(72.9484, -56.2944,
11.9201) contains.

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Color

**HunterLab(74.6944,
-49.6301, 13.7757)**

Conversions

Conversions Part 1

Format	Color
Hex	00DFAD
RGB	0, 223, 173
RGB Percent	0%, 87%, 68%
CMY	0.9999, 0.1255, 0.3216
CMYK	1.00, 0.00, 0.22, 0.13
HSL	167°, 100%, 44%
HSV	167°, 100%, 87%
XYZ	33.9305, 55.7925, 48.5159
YIQ	150.6230, -116.8580, -62.8260

Conversions

Conversions Part 2

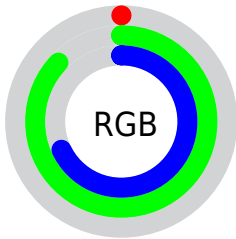
Format	Color
RYB	0, 126, 223
Decimal	57261
CIELab	79.50, -56.92, 11.89
CIELCh	79, 58.153, 168.202
Yxy	55.7947, 0.2455, 0.4036
Android (android.graphics.Color)	4278247341 (0xFF00DFAD)
YUV	150.6230, 11.0319, -132.0964
Hunter-Lab	74.6944, -49.6301, 13.7757

Details

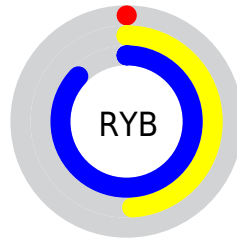
The HunterLab color **74.6944, -49.6301, 13.7757** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **39.8997, 68.9027, 21.3023**, and the grayscale version is **55.4731, -2.9599, 3.0140**.

A 20% lighter version of the original color is **89.6156, -45.3880, 5.8652**, and **53.5284, -36.6937, 12.3054** is the 20% darker color. If you saturate the color by 10%, you get **74.6955, -49.6323, 13.7790**, and if you desaturate by 10%, it is **74.9441, -48.3542, 12.0107**.

Distribution



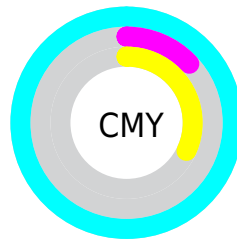
- Red (0%)
- Green (87%)
- Blue (68%)



- Red (0%)
- Yellow (49%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (13%)





- Cyan (100%)
- Magenta (13%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 74.6944, -49.6301, 13.7757 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 74.6944, -49.6301, 13.7757 by changing the saturation by 10% instead.


 74.6944, -49.6301,
13.7757


 74.6944, -49.6301,
13.7757


202.2171,
-78.9845, 25.0325


 63.2759, -45.8387,
12.5531


 99.3501, -56.7677,
16.2243


 52.5057, -41.8518,
11.3240


 112.5284,
-60.1621, 17.4550


 42.4271, -37.6187,
10.0821


 126.2428,
-63.4643, 18.6929

 33.0914, -33.0667,
8.8165

 140.4732,
-66.6877, 19.9396

 24.5632, -28.0874,
7.5100

 155.2013,
-69.8431, 21.1961

 16.9277, -22.6440,
6.1333

170.4110,

 10.3049, -18.0335,

-72.9396, 22.4634

5.4098

186.0874,
-75.9846, 23.7420

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.6944, -49.6301,
13.7757

■ 74.6944, -49.6301,
13.7757

■ 74.6955, -49.6323,
13.7790

■ 74.9441, -48.3542,
12.0107

■ 75.3299, -46.5168,
10.3414

■ 75.8942, -43.9661,
8.8258

■ 76.6572, -40.6419,
7.4999

■ 77.6332, -36.5168,

6.3923

■ 78.8316, -31.5905,
5.5250

■ 80.2579, -25.8857,
4.9132

■ 81.9137, -19.4431,
4.5655

■ 83.7978, -12.3173,
4.4846

Harmonies

Analogous

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



74.6959, -39.9622, 30.7329



74.6944, -49.6301, 13.7757



74.6959, -48.4719, -13.7200

Triad

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



74.6959, -49.6306, 13.7764



74.6959, 13.5395, -62.5783



74.6959, 35.2861, 33.0074

Complementary

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



74.6944, -49.6301, 13.7757



39.8997, 68.9027, 21.3023

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.



74.6959, 54.1884, 18.3301



74.6944, -49.6301, 13.7757



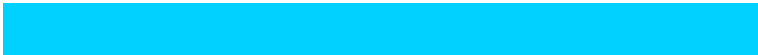
74.6959, 40.4177, -38.6344

Square

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



74.6959, -49.6306, 13.7764



74.6959, -14.6573, -65.2335



74.6959, 56.1934, -7.1534



74.6959, 7.3126, 38.7818

Rectangle

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



74.6944, -49.6301, 13.7757



74.6959, -41.6853, -34.9372



74.6959, 56.1934, -7.1534



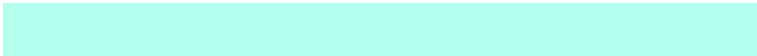
74.6959, 43.0782, 29.2650

Sweetspot

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



74.6959, -49.6306, 13.7764



93.3853, -30.3026, 5.7329



73.1498, -60.1551, 44.0207



42.8642, -15.3704, 2.7765

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.6959, -49.6306, 13.7764



86.9418, -57.8456, 16.2024



56.3173, -14.5171, -39.0514



39.3916, -5.5945, 2.1069



57.2911, -37.9629, 10.3422



15.1267, -9.7314, 2.1001

Inverse Universe

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



39.8997, 68.9027, 21.3023



46.4298, 80.1526, 25.0391



43.4366, 55.5788, 27.7371



37.0818, 1.6919, 2.1529



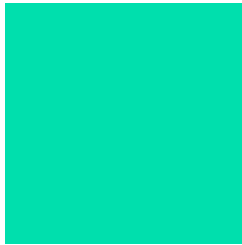
30.6167, 52.9204, 15.9979



8.1439, 14.2395, 2.9922

Previews

White Background



This preview shows how the HunterLab color 74.6944, -49.6301, 13.7757 looks on a white background.

Color Contrast Check

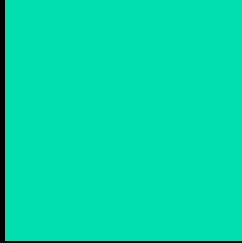
Large Text (above 18pt) WCAG AA × Fail

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 74.6944, -49.6301, 13.7757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

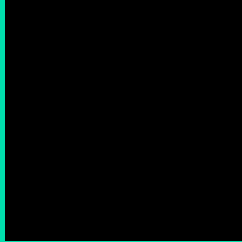
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

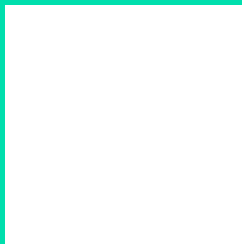
Any Text WCAG AAA ✓ Pass

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

HunterLab 74.6944, -49.6301, 13.7757 Background



This preview shows how black text looks on a background with the HunterLab color 74.6944, -49.6301, 13.7757.



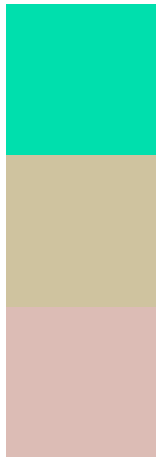
This preview shows how white text looks on a background with the HunterLab color 74.6944, -49.6301, 13.7757.

-49.6301, 13.7757.

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

74.6944, -49.6301, 13.7757

Protanopia

74.0262, -5.3509, 19.2496

Deuteranopia

73.8365, 5.7769, 10.4953



Tritanopia

74.6273, -31.7645, -15.2250

Trichromacy



Original Color

74.6944, -49.6301, 13.7757



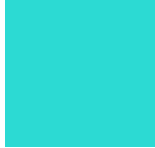
Protanomaly

71.5881, -30.4093, 14.4915



Deuteranomaly

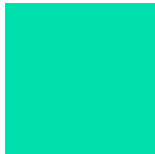
71.1077, -24.6858, 8.2646



Tritanomaly

74.4187, -39.4029, -3.9329

Monochromacy



Original Color

74.6944, -49.6301, 13.7757



Achromatopsia

55.6299, -2.9683, 3.0225



Achromatomaly

60.3608, -26.3661, 4.5135

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.6944, -49.6301, 13.7757 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, 223, 173)` looks like.

```
.text, #text, p{  
    color:rgb(0, 223, 173)  
}
```

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, 223, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 223, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 74.6944, -49.6301, 13.7757 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, 223, 173) }
```


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

```
.border{ border-color:rgb(0, 223, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 223, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 223, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 223, 173);  
box-shadow:4px 4px 4px 4px rgb(0, 223,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.6944, -49.6301, 13.7757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 223, 173) }
```

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

```
.background{ background-color: rgb(0, 223,  
173) }
```

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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