

# Converting Colors

HunterLab(73.3419, -48.4694,  
13.1763)

Have a look what the booklet for  
HunterLab(73.3419, -48.4694,  
13.1763) contains.

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# Color

**HunterLab(73.2319,  
-48.3722, 13.0852)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04DBAB
RGB	4, 219, 171
RGB Percent	2%, 86%, 67%
CMY	0.9842, 0.1412, 0.3294
CMYK	0.98, 0.00, 0.22, 0.14
HSL	167°, 96%, 44%
HSV	167°, 98%, 86%
XYZ	32.7322, 53.6291, 47.1544
YIQ	149.2430, -112.7320, -60.5080

# Conversions

## Conversions Part 2

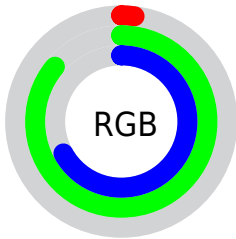
Format	Color
<a href="#">RYB</a>	<a href="#">4, 125, 219</a>
Decimal	<a href="#">318379</a>
CIELab	<a href="#">78.25, -55.76, 11.18</a>
CIELCh	<a href="#">78, 56.869, 168.666</a>
Yxy	<a href="#">53.6312, 0.2452, 0.4017</a>
Android (android.graphics.Color)	<a href="#">4278508459 (0xFF04DBAB)</a>
YUV	<a href="#">149.2430, 10.7262, -127.3781</a>
Hunter-Lab	<a href="#">73.2319, -48.3722, 13.0852</a>

# Details

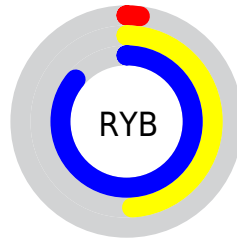
The HunterLab color **73.2319, -48.3722, 13.0852** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **39.2381, 67.2561, 20.4413**, and the grayscale version is **54.9150, -2.9301, 2.9836**.

A 20% lighter version of the original color is **89.5192, -45.8908, 6.7032**, and **52.4655, -35.9262, 11.9771** is the 20% darker color. If you saturate the color by 10%, you get **73.1922, -48.5874, 13.4022**, and if you desaturate by 10%, it is **73.4941, -47.0509, 11.3723**.

# Distribution



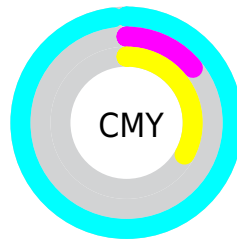
- Red (2%)
- Green (86%)
- Blue (67%)



- Red (2%)
- Yellow (49%)
- Blue (86%)



- Cyan (98%)
- Magenta (0%)
- Yellow (22%)
- Black (14%)




- Cyan (98%)
- Magenta (14%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.2319, -48.3722, 13.0852 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 73.2319, -48.3722, 13.0852 by changing the saturation by 10% instead.





 73.2319, -48.3722,  
13.0852


 73.2319, -48.3722,  
13.0852


200.1754,  
-77.3215, 24.0615


 61.8926, -44.6303,  
11.9007


 97.7407, -55.4129,  
15.4629


 51.2064, -40.6929,  
10.7118


 110.8505,  
-58.7603, 16.6604


 41.2177, -36.5086,  
9.5126


 124.4990,  
-62.0165, 17.8664

 31.9792, -32.0028,  
8.2925

 138.6659,  
-65.1949, 19.0823

 23.5574, -27.0635,  
7.0350

 153.3327,  
-68.3063, 20.3091

 16.0410, -21.8544,  
5.7108

168.4830,

 9.5560, -16.7231,

-71.3598, 21.5475

5.3700

184.1018,  
-74.3628, 22.7982

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.2319, -48.3722,  
13.0852

■ 73.2319, -48.3722,  
13.0852

■ 73.1922, -48.5874,  
13.4022

■ 73.4941, -47.0509,  
11.3723


■ 73.9029, -45.1280,  
9.7705


■ 74.4904, -42.4940,  
8.3269


■ 75.2752, -39.0966,  
7.0752


■ 76.2702, -34.9144,

6.0420

 77.4840, -29.9517,  
5.2474

 78.9210, -24.2341,  
4.7050

 80.5825, -17.8044,  
4.4220

 82.4667, -10.7175,  
4.4000

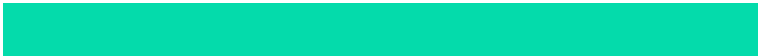
# Harmonies

## Analogous

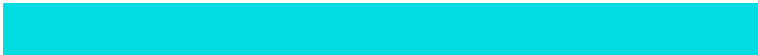
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.2333, -39.1178, 29.7756



73.2319, -48.3722, 13.0852



73.2333, -47.0803, -13.7460

# Triad

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



73.2333, -48.3727, 13.0859



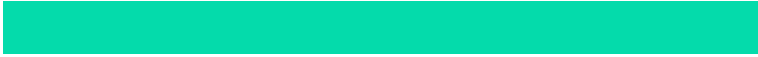
73.2333, 13.5481, -60.3561



73.2333, 33.8352, 32.3212

# Complementary

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



73.2319, -48.3722, 13.0852



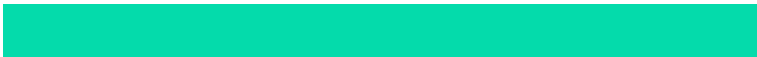
39.2381, 67.2561, 20.4413

# 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.



73.2333, 52.3703, 18.1597



73.2319, -48.3722, 13.0852



73.2333, 39.5318, -36.9580

# Square

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



73.2333, -48.3727, 13.0859



73.2333, -13.8868, -63.2944



73.2333, 54.5948, -6.4553



73.2333, 6.6282, 37.8651

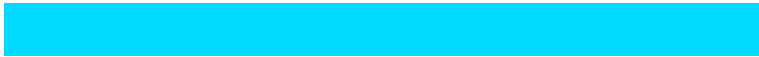


# Rectangle

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



73.2319, -48.3722, 13.0852



73.2333, -40.3627, -34.3015



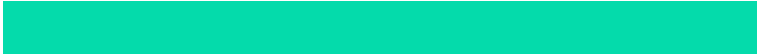
73.2333, 54.5948, -6.4553



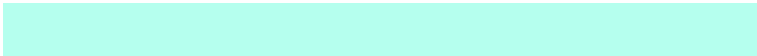
73.2333, 41.4464, 28.7118

# Sweetspot

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



73.2333, -48.3727, 13.0859



93.5690, -29.5742, 5.6454



71.7379, -58.6428, 43.0823



42.9401, -15.0654, 2.7294

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



73.2333, -48.3727, 13.0859



86.9483, -57.8059, 16.1086



55.5586, -14.6563, -37.5430



38.4411, -5.4492, 2.0519



56.3747, -37.3206, 10.1009



14.3925, -9.2347, 1.9457



# Inverse Universe

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



39.2381, 67.2561, 20.4413



46.4271, 80.1428, 25.0781



42.9476, 53.3701, 27.2387



36.1924, 1.6396, 2.1049



30.1240, 52.0683, 15.7439

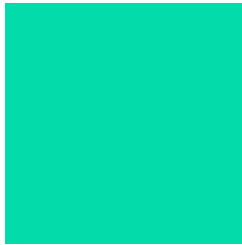


7.7523, 13.5658, 2.7635



# Previews

## White Background



This preview shows how the HunterLab color 73.2319, -48.3722, 13.0852 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

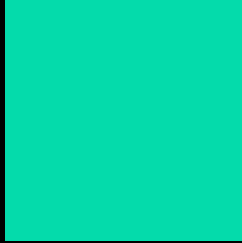
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 73.2319, -48.3722, 13.0852 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

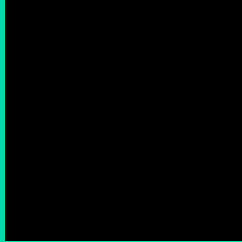
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

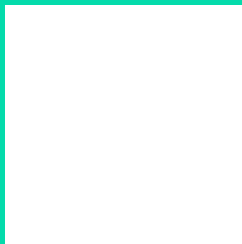
Any Text WCAG AAA ✓ Pass

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

## HunterLab 73.2319, -48.3722, 13.0852 Background



This preview shows how black text looks on a background with the HunterLab color 73.2319, -48.3722, 13.0852.



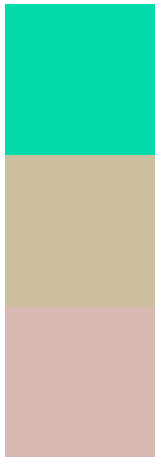
This preview shows how white text looks on a background with the HunterLab color 73.2319,

-48.3722, 13.0852.

# 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

73.2319, -48.3722, 13.0852

### Protanopia

72.3826, -4.9813, 18.3861

### Deuteranopia

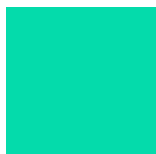
72.3598, 5.1223, 10.1656



## Tritanopia

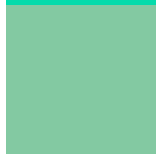
73.0882, -30.9915, -15.0478

# Trichromacy



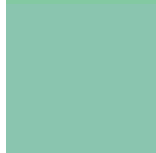
## Original Color

73.2319, -48.3722, 13.0852



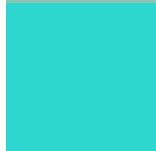
## Protanomaly

70.1479, -29.1972, 13.8222



## Deuteranomaly

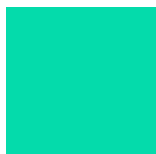
69.5923, -23.8435, 7.9117



## Tritanomaly

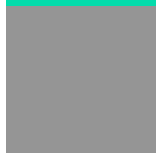
72.9082, -38.4932, -3.7535

# Monochromacy



## Original Color

73.2319, -48.3722, 13.0852



## Achromatopsia

54.8219, -2.9252, 2.9786



## Achromatomaly

59.3239, -25.4476, 4.2295

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.2319, -48.3722, 13.0852 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(4, 219, 171)` looks like.

```
.text, #text, p{  
    color:rgb(4, 219, 171)  
}
```

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(4, 219, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 219, 171) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.2319, -48.3722, 13.0852 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(4, 219, 171) }
```



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

```
.border{ border-color:rgb(4, 219, 171) }
```

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

Here you see how a box with a 4 pixel rgb(4, 219, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 219, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 219, 171);  
box-shadow:4px 4px 4px 4px rgb(4, 219,  
171) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.2319, -48.3722, 13.0852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 219, 171) }
```

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

```
.background{ background-color: rgb(4, 219,  
171) }
```

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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