

# Converting Colors

HunterLab(71.9274, -46.1197,  
9.6562)

Have a look what the booklet for  
HunterLab(71.9274, -46.1197,  
9.6562) contains.

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# Color

**HunterLab(71.9274,  
-46.1197, 9.6562)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D7B0
RGB	0, 215, 176
RGB Percent	0%, 84%, 69%
CMY	0.9999, 0.1568, 0.3098
CMYK	1.00, 0.00, 0.18, 0.16
HSL	169°, 100%, 42%
HSV	169°, 100%, 84%
XYZ	32.1369, 51.7355, 49.3665
YIQ	146.2690, -115.6210, -57.7090

# Conversions

## Conversions Part 2

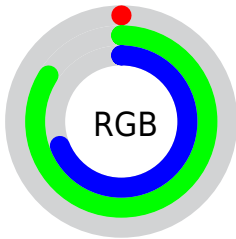
Format	Color
<a href="#">RYB</a>	<a href="#">0, 118, 215</a>
Decimal	<a href="#">55216</a>
CIELab	<a href="#">77.12, -53.06, 6.91</a>
CIELCh	<a href="#">77, 53.507, 172.579</a>
Yxy	<a href="#">51.7375, 0.2412, 0.3883</a>
Android (android.graphics.Color)	<a href="#">4278245296 (0xFF00D7B0)</a>
YUV	<a href="#">146.2690, 14.6574, -128.2779</a>
Hunter-Lab	<a href="#">71.9274, -46.1197, 9.6562</a>

# Details

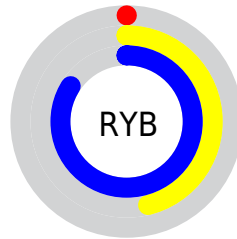
The HunterLab color **71.9274, -46.1197, 9.6562** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **38.2034, 65.8037, 21.7092**, and the grayscale version is **53.7028, -2.8654, 2.9178**.

A 20% lighter version of the original color is **89.6718, -44.9164, 3.9913**, and **51.2362, -33.7954, 8.9137** is the 20% darker color. If you saturate the color by 10%, you get **71.9285, -46.1217, 9.6591**, and if you desaturate by 10%, it is **72.1521, -44.9965, 8.2322**.

# Distribution



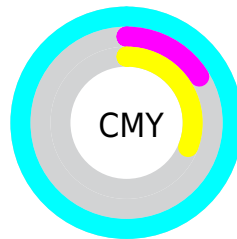
- Red (0%)
- Green (84%)
- Blue (69%)



- Red (0%)
- Yellow (46%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)




- Cyan (100%)
- Magenta (16%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.9274, -46.1197, 9.6562 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 71.9274, -46.1197, 9.6562 by changing the saturation by 10% instead.





 71.9274, -46.1197,  
9.6562


 71.9274, -46.1197,  
9.6562


198.3488,  
-73.9967, 19.0223


 60.6596, -42.5246,  
8.6981


 96.3037, -52.8877,  
11.6193


 50.0495, -38.7423,  
7.7517


 109.3516,  
-56.1077, 12.6248


 40.1422, -34.7223,  
6.8149


 122.9407,  
-59.2417, 13.6474

 30.9916, -30.3910,  
5.8826

 137.0503,  
-62.3025, 14.6872

 22.6666, -25.6364,  
4.9466

 151.6618,  
-65.3005, 15.7446

 15.2588, -20.7772,  
3.9914

166.7586,

 8.8805, -15.5408,

-68.2443, 16.8196

3.7092

182.3255,  
-71.1411, 17.9121

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.9274, -46.1197,  
9.6562

■ 71.9274, -46.1197,  
9.6562

■ 71.9285, -46.1217,  
9.6591

■ 72.1521, -44.9965,  
8.2322

■ 72.5048, -43.3505,  
6.9241

■ 73.0265, -41.0334,  
5.7883

■ 73.7367, -37.9867,  
4.8568

■ 74.6490, -34.1827,

4.1545

■ 75.7726, -29.6190,  
3.6992

■ 77.1129, -24.3149,  
3.5020

■ 78.6718, -18.3069,  
3.5679

■ 80.4483, -11.6448,  
3.8958

# Harmonies

## Analogous

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



71.9288, -38.6416, 26.7984



71.9274, -46.1197, 9.6562



71.9288, -43.5844, -16.2877

# Triad

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



71.9288, -46.1201, 9.6569



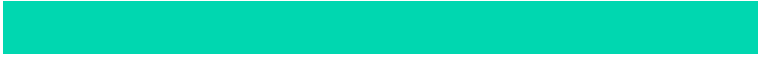
71.9288, 15.8716, -53.4937



71.9288, 28.2807, 31.8876

# Complementary

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



71.9274, -46.1197, 9.6562



38.2034, 65.8037, 21.7092

# 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.



71.9288, 46.9936, 19.5566



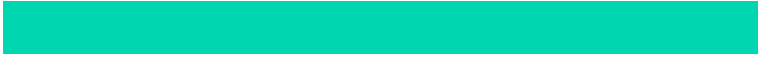
71.9274, -46.1197, 9.6562



71.9288, 39.1645, -30.3936

# Square

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



71.9288, -46.1201, 9.6569



71.9288, -10.0371, -59.0088



71.9288, 51.2303, -2.3426



71.9288, 2.5705, 36.4133

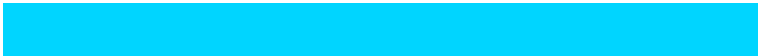


# Rectangle

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



71.9274, -46.1197, 9.6562



71.9288, -36.3651, -35.1105



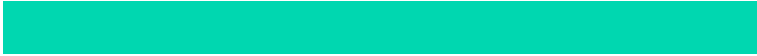
71.9288, 51.2303, -2.3426



71.9288, 35.7361, 28.7759

# Sweetspot

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



71.9288, -46.1201, 9.6569



93.4892, -29.7056, 4.2508



70.0305, -58.4358, 42.1287



42.9188, -15.0549, 1.9977

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.9288, -46.1201, 9.6569



87.2413, -56.0251, 11.8981



50.7466, -8.9974, -44.0038



37.5065, -5.2378, 1.8261



55.6402, -35.5905, 7.2842



13.7024, -8.5126, 1.2495



# Inverse Universe

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



38.2034, 65.8037, 21.7092



46.3242, 79.7620, 26.5979



43.1218, 49.1304, 27.4302



35.2948, 1.5242, 2.2252



29.5635, 50.9630, 16.5097

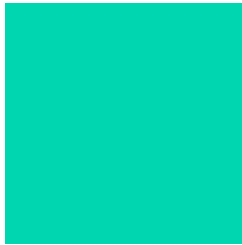


7.3377, 12.8010, 2.9207



# Previews

## White Background



This preview shows how the HunterLab color 71.9274, -46.1197, 9.6562 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

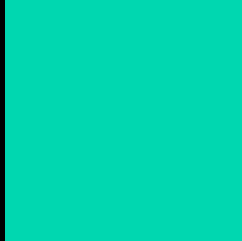
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.9274, -46.1197, 9.6562 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

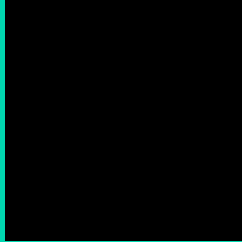
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

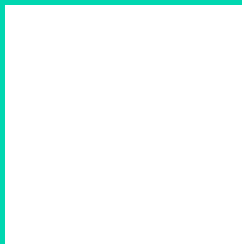
Any Text WCAG AAA ✓ Pass

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

## HunterLab 71.9274, -46.1197, 9.6562 Background



This preview shows how black text looks on a background with the HunterLab color 71.9274, -46.1197, 9.6562.



This preview shows how white text looks on a background with the HunterLab color 71.9274, -46.1197, 9.6562.

-46.1197, 9.6562.

# 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

71.9274, -46.1197, 9.6562

### Protanopia

71.1202, -4.5065, 15.2486

### Deuteranopia

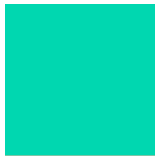
71.3030, 4.8339, 6.7692



## Tritanopia

71.8364, -30.8030, -15.0669

# Trichromacy



## Original Color

71.9274, -46.1197, 9.6562



## Protanomaly

69.0028, -28.2145, 10.6121



## Deuteranomaly

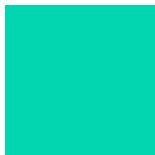
68.7838, -23.2472, 4.7571



## Tritanomaly

71.7946, -37.5478, -5.1677

# Monochromacy



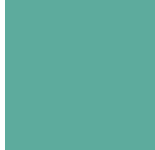
## Original Color

71.9274, -46.1197, 9.6562



## Achromatopsia

53.6135, -2.8607, 2.9129



## Achromatomaly

58.2128, -24.7144, 2.9492

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.9274, -46.1197, 9.6562 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, 215, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 215, 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, 215, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 215, 176) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.9274, -46.1197, 9.6562 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, 215, 176) }
```



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

```
.border{ border-color:rgb(0, 215, 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, 215, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 215, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 215, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 215,  
176) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.9274, -46.1197, 9.6562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 215, 176) }
```

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

```
.background{ background-color: rgb(0, 215,  
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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