

# Converting Colors

HunterLab(73.7008, -46.2524,  
7.7260)

Have a look what the booklet for  
HunterLab(73.7008, -46.2524,  
7.7260) contains.

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# Color

**HunterLab(73.5974,  
-46.1188, 7.5669)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DBB9
RGB	0, 219, 185
RGB Percent	0%, 86%, 73%
CMY	0.9999, 0.1412, 0.2745
CMYK	1.00, 0.00, 0.16, 0.14
HSL	171°, 100%, 43%
HSV	171°, 100%, 86%
XYZ	34.0884, 54.1658, 54.5573
YIQ	149.6430, -119.6100, -57.0020

# Conversions

## Conversions Part 2

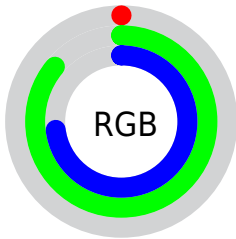
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 119, 219
Decimal	56249
CIELab	78.56, -52.34, 4.18
CIELCh	79, 52.502, 175.434
Yxy	54.1679, 0.2387, 0.3793
Android (android.graphics.Color)	4278246329 (0xFF00DBB9)
YUV	149.6430, 17.4310, -131.2369
Hunter-Lab	73.5974, -46.1188, 7.5669

# Details

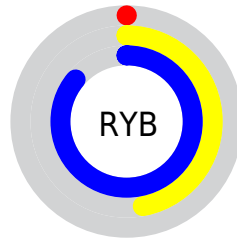
The HunterLab color **73.5974, -46.1188, 7.5669** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **38.9578, 67.0082, 22.8710**, and the grayscale version is **55.0533, -2.9375, 2.9911**.

A 20% lighter version of the original color is **90.0328, -42.9198, -0.0765**, and **52.7829, -33.9936, 7.4085** is the 20% darker color. If you saturate the color by 10%, you get **73.5985, -46.1208, 7.5699**, and if you desaturate by 10%, it is **73.8125, -45.0579, 6.2949**.

# Distribution



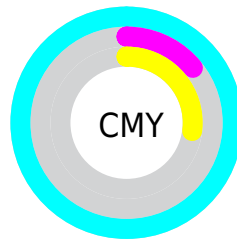
- Red (0%)
- Green (86%)
- Blue (73%)



- Red (0%)
- Yellow (47%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.5974, -46.1188, 7.5669 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 73.5974, -46.1188, 7.5669 by changing the saturation by 10% instead.



73.5974, -46.1188,  
7.5669

73.5974, -46.1188,  
7.5669

200.6863,  
-73.5936, 15.9626

62.2381, -42.5912,  
6.7454

98.1431, -52.7719,  
9.2800

51.5309, -38.8859,  
5.9456

111.2701,  
-55.9420, 10.1699

41.5196, -34.9556,  
5.1676

124.9351,  
-59.0298, 11.0818

32.2566, -30.7317,  
4.4102

139.1179,  
-62.0476, 12.0156

23.8080, -26.1106,  
3.6705

153.8001,  
-65.0053, 12.9710

16.2616, -21.0453,  
2.9431

168.9653,

9.7419, -17.0483,

-67.9112, 13.9474

2.3184

184.5985,  
-70.7721, 14.9448

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.5974, -46.1188,  
7.5669

■ 73.5974, -46.1188,  
7.5669

■ 73.5985, -46.1208,  
7.5699

■ 73.8125, -45.0579,  
6.2949

■ 74.1577, -43.4677,  
5.1551

■ 74.6748, -41.1978,  
4.2043

■ 75.3837, -38.1872,  
3.4743

■ 76.2986, -34.4057,

2.9890

■ 77.4291, -29.8493,  
2.7649

■ 78.7807, -24.5361,  
2.8113

■ 80.3557, -18.5019,  
3.1312

■ 82.1533, -11.7963,  
3.7216

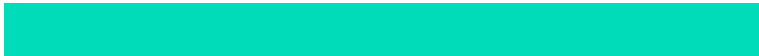
# Harmonies

## Analogous

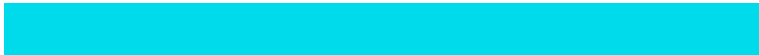
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5988, -39.6002, 25.5807



73.5974, -46.1188, 7.5669



73.5988, -42.6350, -18.5592

# Triad

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



73.5988, -46.1191, 7.5677



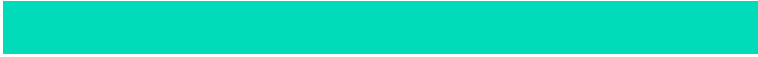
73.5988, 17.9596, -50.6712



73.5988, 25.4955, 32.6675

# Complementary

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



73.5974, -46.1188, 7.5669



38.9578, 67.0082, 22.8710

# 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.



73.5988, 44.9114, 21.1188



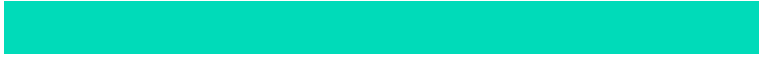
73.5974, -46.1188, 7.5669



73.5988, 40.1679, -27.0848

# Square

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



73.5988, -46.1191, 7.5677



73.5988, -7.7333, -58.0098



73.5988, 50.6096, 0.2573



73.5988, -0.0499, 36.6459

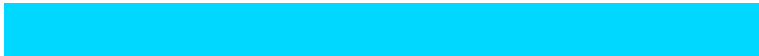


# Rectangle

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



73.5974, -46.1188, 7.5669



73.5988, -34.8234, -36.7727



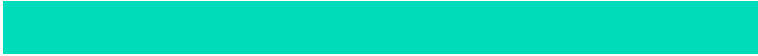
73.5988, 50.6096, 0.2573



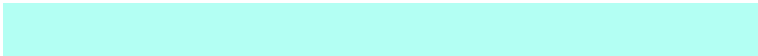
73.5988, 33.0829, 29.7795

# Sweetspot

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



73.5988, -46.1191, 7.5677



93.5535, -29.3364, 3.3344



71.4490, -59.8833, 42.9773



42.9527, -14.8594, 1.5152

0.0000, NaN, NaN

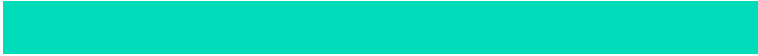


46.2646, -2.4686, 2.5136



# Same Dimension

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



73.5988, -46.1191, 7.5677



87.4340, -54.8572, 9.1360



50.6726, -7.4167, -47.3232



38.4617, -5.3348, 1.7589



56.6841, -35.4430, 5.6611



14.4609, -8.8210, 0.9673



# Inverse Universe

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



38.9578, 67.0082, 22.8710



46.2715, 79.5665, 27.3787



44.5299, 48.7379, 28.2910



36.1723, 1.5312, 2.3924



30.0145, 51.6632, 17.3598

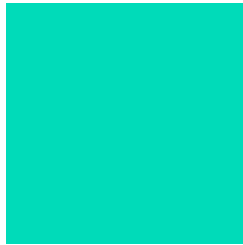


7.7081, 13.4029, 3.4100



# Previews

## White Background



This preview shows how the HunterLab color 73.5974, -46.1188, 7.5669 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 73.5974, -46.1188, 7.5669 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

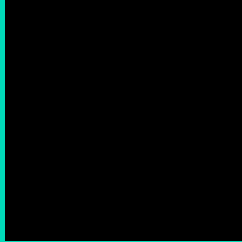
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

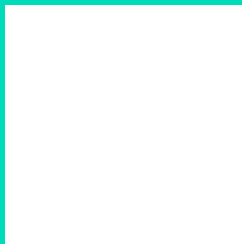
Any Text WCAG AAA ✓ Pass

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

# HunterLab 73.5974, -46.1188, 7.5669 Background



This preview shows how black text looks on a background with the HunterLab color 73.5974, -46.1188, 7.5669.



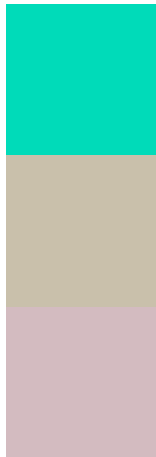
This preview shows how white text looks on a background with the HunterLab color 73.5974,

-46.1188, 7.5669.

# 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

73.5974, -46.1188, 7.5669

### Protanopia

72.8403, -4.2370, 13.4489

### Deuteranopia

72.9351, 4.8861, 4.4884



## Tritanopia

73.7060, -31.9598, -15.3628

# Trichromacy



## Original Color

73.5974, -46.1188, 7.5669



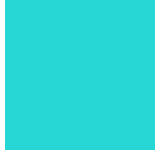
## Protanomaly

70.6858, -28.0962, 8.6120



## Deuteranomaly

70.4197, -23.2612, 2.4500



## Tritanomaly

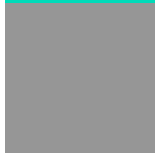
73.4079, -37.8260, -6.8117

# Monochromacy



## Original Color

73.5974, -46.1188, 7.5669



## Achromatopsia

55.2257, -2.9467, 3.0005



## Achromatomaly

59.7806, -25.0110, 2.0327

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.5974, -46.1188, 7.5669 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, 219, 185)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 185)  
}
```

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, 219, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 219, 185) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.5974, -46.1188, 7.5669 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, 219, 185) }
```



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

```
.border{ border-color:rgb(0, 219, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 219, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 219, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 219, 185);  
box-shadow:4px 4px 4px 4px rgb(0, 219,  
185) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.5974, -46.1188, 7.5669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 219, 185) }
```

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

```
.background{ background-color: rgb(0, 219,  
185) }
```

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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