

# Converting Colors

HunterLab(70.8531, -39.1228,  
4.5007)

Have a look what the booklet for  
HunterLab(70.8531, -39.1228,  
4.5007) contains.

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# Color

**HunterLab(70.8475,  
-39.1473, 4.5592)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40D1B9
RGB	64, 209, 185
RGB Percent	25%, 82%, 73%
CMY	0.7490, 0.1804, 0.2745
CMYK	0.69, 0.00, 0.11, 0.18
HSL	170°, 61%, 54%
HSV	170°, 69%, 82%
XYZ	33.6717, 50.1937, 53.8126
YIQ	162.9090, -78.7160, -38.2040

# Conversions

## Conversions Part 2

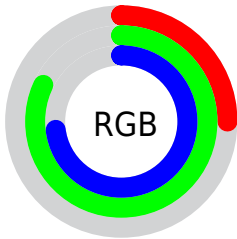
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 143, 209
Decimal	4247993
CIELab	76.19, -43.57, 0.82
CIELCh	76, 43.580, 178.923
Yxy	50.1956, 0.2446, 0.3646
Android (android.graphics.Color)	4282438073 (0xFF40D1B9)
YUV	162.9090, 10.8909, -86.7432
Hunter-Lab	70.8475, -39.1473, 4.5592

# Details

The HunterLab color **70.8475, -39.1473, 4.5592** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted spring green. A complement of this color would be **42.3415, 51.9145, 14.0689**, and the grayscale version is **60.4630, -3.2262, 3.2851**.

A 20% lighter version of the original color is **90.8937, -39.5784, 1.0316**, and **49.7766, -30.7353, 4.1321** is the 20% darker color. If you saturate the color by 10%, you get **70.3398, -41.3860, 5.5237**, and if you desaturate by 10%, it is **71.5404, -36.2055, 3.8026**.

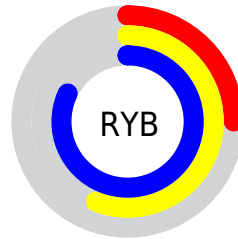
# Distribution



Red (25%)

Green (82%)

Blue (73%)



Red (25%)

Yellow (56%)

Blue (82%)

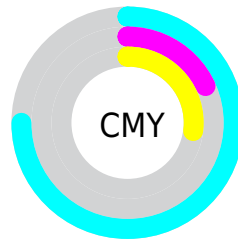


Cyan (69%)

Magenta (0%)

Yellow (11%)

Black (18%)



Cyan (75%)

Magenta (18%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.8475, -39.1473, 4.5592 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 70.8475, -39.1473, 4.5592 by changing the saturation by 10% instead.



■ 70.8475, -39.1473,  
4.5592

■ 70.8475, -39.1473,  
4.5592

196.8325,  
-63.0721, 11.7057

■ 59.6396, -36.1165,  
3.9102

■ 95.1129, -44.8874,  
5.9541

■ 49.0932, -32.9410,  
3.2940

■ 108.1091,  
-47.6341, 6.6957

■ 39.2541, -29.5798,  
2.7131

■ 121.6485,  
-50.3171, 7.4654

■ 30.1775, -25.9720,  
2.1699

■ 135.7103,  
-52.9466, 8.2624

■ 21.9338, -22.0232,  
1.6670

150.2757,  
-55.5306, 9.0857

■ 14.6177, -17.7681,  
1.2074

165.3278,

■ 8.2776, -14.4857,

-58.0760, 9.9345

0.8608

180.8514,  
-60.5883, 10.8080

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.8475, -39.1473,  
4.5592

■ 70.8475, -39.1473,  
4.5592

■ 70.3398, -41.3860,  
5.5237

■ 71.5404, -36.2055,  
3.8026

■ 69.9951, -42.9747,  
6.6639

■ 72.4273, -32.5337,  
3.2738

■ 69.7792, -44.0452,  
7.9306


■ 73.5184, -28.1307,  
2.9894


■ 69.7671, -44.1064,  
8.0103


■ 74.8185, -23.0155,  
2.9585


■ 76.3294, -17.2235,

3.1841

 78.0501, -10.8023,  
3.6639

 79.9774, -3.8082,  
4.3909

 82.1061, 3.6982,  
5.3545

 84.4296, 11.6548,  
6.5413

# Harmonies

## Analogous

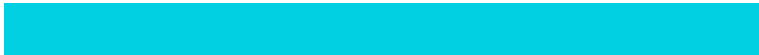
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.8489, -34.5738, 20.6573



70.8475, -39.1473, 4.5592



70.8489, -35.1828, -16.8574

# Triad

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



70.8489, -39.1477, 4.5600



70.8489, 16.3749, -37.6061



70.8489, 17.8076, 29.1036

# Complementary

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



70.8475, -39.1473, 4.5592



42.3415, 51.9145, 14.0689

# 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.



70.8489, 34.2601, 19.7451



70.8475, -39.1473, 4.5592



70.8489, 33.3688, -18.4411

# Square

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



70.8489, -39.1477, 4.5600



70.8489, -4.5260, -45.0109



70.8489, 40.2509, 3.1457



70.8489, -3.0392, 32.1017



# Rectangle

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



70.8475, -39.1473, 4.5592



70.8489, -27.9424, -30.7683



70.8489, 40.2509, 3.1457



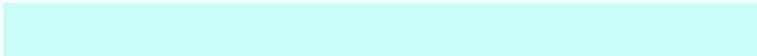
70.8489, 24.1193, 26.7584

# Sweetspot

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



70.8489, -39.1477, 4.5600



95.2167, -22.9844, 3.9105



69.3224, -49.8143, 37.6947



43.8012, -11.5895, 1.7654

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.8489, -39.1477, 4.5600



87.8673, -52.8348, 7.5463



55.7393, -13.2845, -30.0527



36.5679, -5.0720, 1.7158



54.7929, -34.5634, 6.1260



12.9917, -7.9594, 0.9435



# Inverse Universe

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



42.3415, 51.9145, 14.0689



48.5478, 75.0023, 22.3368



50.5858, 28.1062, 25.9766



34.4089, 1.4519, 2.2320



29.0533, 50.0410, 16.5546

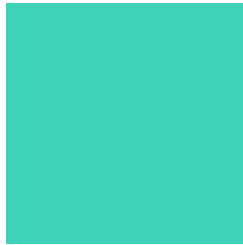


6.9435, 12.1040, 2.8344



# Previews

## White Background



This preview shows how the HunterLab color 70.8475, -39.1473, 4.5592 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

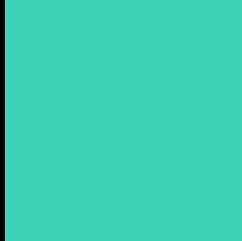
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.8475, -39.1473, 4.5592 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

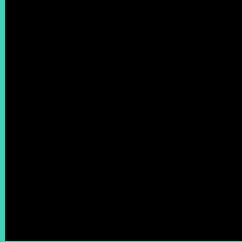
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

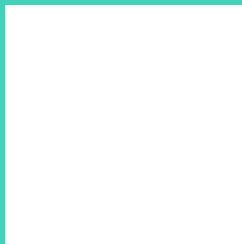
Any Text WCAG AAA ✓ Pass

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

# HunterLab 70.8475, -39.1473, 4.5592 Background



This preview shows how black text looks on a background with the HunterLab color 70.8475, -39.1473, 4.5592.



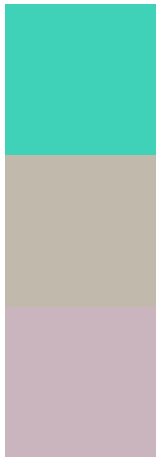
This preview shows how white text looks on a background with the HunterLab color 70.8475,

-39.1473, 4.5592.

# 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

70.8475, -39.1473, 4.5592

### Protanopia

70.3092, -3.7242, 10.3462

### Deuteranopia

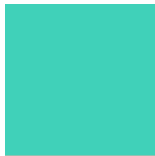
70.2609, 4.7941, 1.7845



## Tritanopia

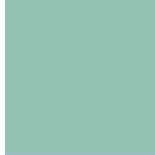
70.8145, -28.1630, -13.5484

# Trichromacy



## Original Color

70.8475, -39.1473, 4.5592



## Protanomaly

69.1873, -20.2491, 6.6337



## Deuteranomaly

69.0008, -15.2954, 0.8816



## Tritanomaly

70.8120, -32.5803, -6.3626

# Monochromacy



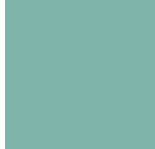
## Original Color

70.8475, -39.1473, 4.5592



## Achromatopsia

60.5188, -3.2291, 3.2881



## Achromatomaly

63.3205, -19.4068, 2.6023

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.8475, -39.1473, 4.5592 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(64, 209, 185)` looks like.

```
.text, #text, p{  
    color:rgb(64, 209, 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(64, 209, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 209, 185) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.8475, -39.1473, 4.5592 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(64, 209, 185) }
```



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

```
.border{ border-color:rgb(64, 209, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 209, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 209, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 209, 185);  
box-shadow:4px 4px 4px 4px rgb(64, 209,  
185) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.8475, -39.1473, 4.5592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 209, 185) }
```

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

```
.background{ background-color: rgb(64, 209,  
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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