

# Converting Colors

HunterLab(70.8635, -37.5490,  
-7.5158)

Have a look what the booklet for  
HunterLab(70.8635, -37.5490,  
-7.5158) contains.

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# Color

**HunterLab(70.8550,  
-37.5639, -7.4729)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D1D1
RGB	0, 209, 209
RGB Percent	0%, 82%, 82%
CMY	0.9998, 0.1804, 0.1804
CMYK	1.00, 0.00, 0.00, 0.18
HSL	180°, 100%, 41%
HSV	180°, 100%, 82%
XYZ	34.3090, 50.2043, 68.2036
YIQ	146.5090, -124.5640, -44.3080

# Conversions

## Conversions Part 2

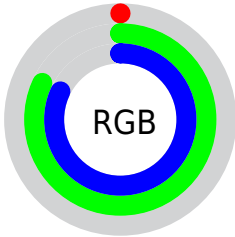
Format	Color
<b>RYB</b>	0, 105, 209
Decimal	53713
CIELab	76.20, -41.38, -12.17
CIELCh	76, 43.133, 196.385
Yxy	50.2062, 0.2247, 0.3287
Android (android.graphics.Color)	4278243793 (0xFF00D1D1)
YUV	146.5090, 30.8081, -128.4884
Hunter-Lab	70.8550, -37.5639, -7.4729

# Details

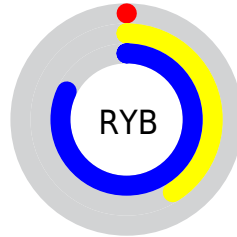
The HunterLab color **70.8550, -37.5639, -7.4729** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **36.8197, 63.0478, 23.7896**, and the grayscale version is **53.7408, -2.8675, 2.9198**.

A 20% lighter version of the original color is **90.5142, -40.0869, -6.8988**, and **50.4755, -26.5447, -5.7876** is the 20% darker color. If you saturate the color by 10%, you get **70.8561, -37.5648, -7.4722**, and if you desaturate by 10%, it is **70.9681, -37.1221, -7.3159**.

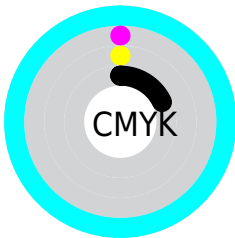
# Distribution



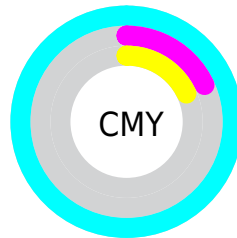
- Red (0%)
- Green (82%)
- Blue (82%)



- Red (0%)
- Yellow (41%)
- Blue (82%)



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



- Cyan (100%)
- Magenta (18%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.8550, -37.5639, -7.4729 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 70.8550, -37.5639, -7.4729 by changing the saturation by 10% instead.



70.8550, -37.5639,  
-7.4729

70.8550, -37.5639,  
-7.4729

196.8430,  
-60.5733, -4.6312

59.6467, -34.6646,  
-7.5475

95.1211, -43.0645,  
-7.1542

49.0998, -31.6314,  
-7.5610

108.1176,  
-45.7015, -6.9198

39.2602, -28.4257,  
-7.5065

121.6574,  
-48.2801, -6.6395

30.1831, -24.9901,  
-7.3775

135.7196,  
-50.8098, -6.3159

21.9389, -21.2358,  
-7.1669

150.2852,  
-53.2982, -5.9512

14.6221, -17.1170,  
-6.8715

165.3376,

8.2819, -14.4933,

-55.7516, -5.5478

-6.7037

180.8615,  
-58.1752, -5.1072

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 70.8550, -37.5639,  
-7.4729

■ 70.8550, -37.5639,  
-7.4729

■ 70.8561, -37.5648,  
-7.4722

■ 70.9681, -37.1221,  
-7.3159

■ 71.2004, -36.2068,  
-6.9924

■ 71.5922, -34.6703,  
-6.4493

■ 72.1627, -32.4498,  
-5.6639

■ 72.9260, -29.5097,

-4.6235

■ 73.8917, -25.8379,  
-3.3232

■ 75.0660, -21.4430,  
-1.7656

■ 76.4518, -16.3510,  
0.0410

■ 78.0490, -10.6017,  
2.0832

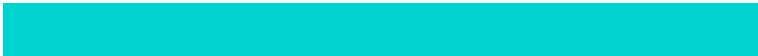
# Harmonies

## Analogous

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



70.8563, -37.9565, 12.0742



70.8550, -37.5639, -7.4729



70.8563, -28.8151, -28.7453

# Triad

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



70.8563, -37.5640, -7.4719



70.8563, 26.8409, -26.9371



70.8563, 5.6671, 31.3420

# Complementary

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



70.8550, -37.5639, -7.4729



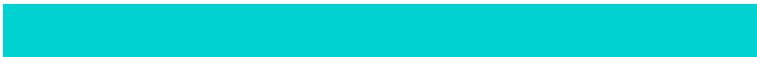
36.8197, 63.0478, 23.7896

# 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.



70.8563, 25.2894, 25.8666



70.8550, -37.5639, -7.4729



70.8563, 38.4140, -5.4801

# Square

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



70.8563, -37.5640, -7.4719



70.8563, 7.5994, -41.9746



70.8563, 37.8161, 13.5776



70.8563, -14.4922, 31.0882



# Rectangle

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



70.8550, -37.5639, -7.4729



70.8563, -18.7931, -39.4474



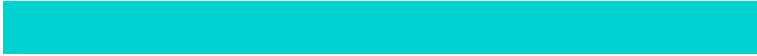
70.8563, 37.8161, 13.5776



70.8563, 12.5877, 30.1956

# Sweetspot

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



70.8563, -37.5640, -7.4719



93.9490, -27.0718, -2.2884



67.5465, -57.8338, 40.6081



43.1620, -13.6546, -1.4593

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.8563, -37.5640, -7.4719



88.7355, -47.0437, -9.3577



39.1546, 8.4012, -67.0712



36.6157, -4.8058, 1.0336



55.6367, -29.4962, -5.8673



13.1559, -6.9747, -1.3874



# Inverse Universe

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



36.8197, 63.0478, 23.7896



46.1086, 78.9623, 29.7942



47.8243, 31.8387, 30.0247



34.3631, 1.2055, 2.8855



28.9099, 49.5090, 18.6808

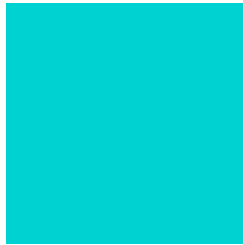


6.8360, 11.7070, 4.4172



# Previews

## White Background



This preview shows how the HunterLab color 70.8550, -37.5639, -7.4729 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

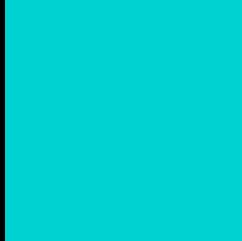
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.8550, -37.5639, -7.4729 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

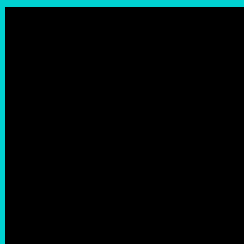
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

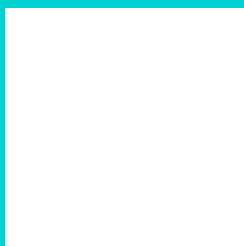
Any Text WCAG AAA ✓ Pass

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

## HunterLab 70.8550, -37.5639, -7.4729 Background



This preview shows how black text looks on a background with the HunterLab color 70.8550, -37.5639, -7.4729.



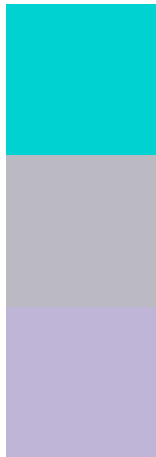
This preview shows how white text looks on a background with the HunterLab color 70.8550,

-37.5639, -7.4729.

# 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

70.8550, -37.5639, -7.4729

### Protanopia

70.1126, -1.5627, 0.0151

### Deuteranopia

70.3126, 5.1037, -10.7959



## Tritanopia

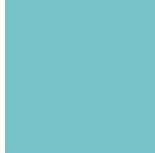
71.0067, -32.3387, -15.6966

# Trichromacy



## Original Color

70.8550, -37.5639, -7.4729



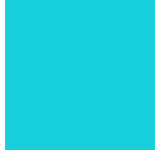
## Protanomaly

68.2855, -22.2360, -5.2270



## Deuteranomaly

68.2942, -17.8790, -12.8816



## Tritanomaly

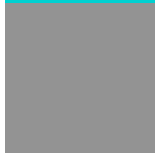
71.0073, -34.4722, -12.8079

# Monochromacy



## Original Color

70.8550, -37.5639, -7.4729



## Achromatopsia

54.0158, -2.8821, 2.9348



## Achromatomaly

58.3364, -21.7787, -3.0865

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.8550, -37.5639, -7.4729 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, 209, 209)` looks like.

```
.text, #text, p{  
    color:rgb(0, 209, 209)  
}
```

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, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 209, 209) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.8550, -37.5639, -7.4729 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, 209, 209) }
```



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

```
.border{ border-color:rgb(0, 209, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 209, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 209, 209); box-shadow:4px 4px 4px 4px rgb(0, 209, 209) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.8550, -37.5639, -7.4729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 209, 209) }
```

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

```
.background{ background-color: rgb(0, 209,  
209) }
```

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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