

# Converting Colors

HunterLab(73.7249, -41.1449,  
1.2551)

Have a look what the booklet for  
HunterLab(73.7249, -41.1449,  
1.2551) contains.

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# Color

**HunterLab(73.7249,  
-41.1449, 1.2551)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2FD9C7
RGB	47, 217, 199
RGB Percent	18%, 85%, 78%
CMY	0.8156, 0.1490, 0.2196
CMYK	0.78, 0.00, 0.08, 0.15
HSL	174°, 69%, 52%
HSV	174°, 78%, 85%
XYZ	36.2940, 54.3536, 62.6112
YIQ	164.1180, -95.5420, -41.6380

# Conversions

## Conversions Part 2

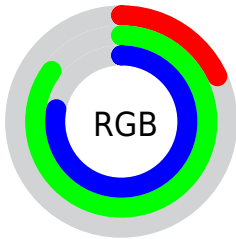
Format	Color
RYP	47, 137, 217
Decimal	3135943
CIELab	78.67, -45.30, -3.09
CIElCh	79, 45.409, 183.905
Yxy	54.3557, 0.2368, 0.3547
Android (android.graphics.Color)	4281326023 (0xFF2FD9C7)
YUV	164.1180, 17.1968, -102.7125
Hunter-Lab	73.7249, -41.1449, 1.2551

# Details

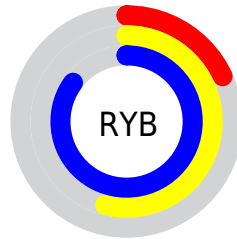
The HunterLab color **73.7249, -41.1449, 1.2551** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **41.4344, 59.2628, 19.4099**, and the grayscale version is **60.9399, -3.2516, 3.3110**.

A 20% lighter version of the original color is **91.0371, -38.0707, -6.1853**, and **52.4729, -31.0869, 1.5211** is the 20% darker color. If you saturate the color by 10%, you get **73.3865, -42.6467, 1.9408**, and if you desaturate by 10%, it is **74.2384, -38.9687, 0.7836**.

# Distribution



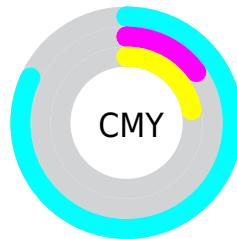
- Red (18%)
- Green (85%)
- Blue (78%)



- Red (18%)
- Yellow (54%)
- Blue (85%)



- Cyan (78%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (82%)
- Magenta (15%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.7249, -41.1449, 1.2551 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 73.7249, -41.1449, 1.2551 by changing the saturation by 10% instead.



73.7249, -41.1449,  
1.2551

73.7249, -41.1449,  
1.2551

200.8644,  
-65.6670, 7.1180

62.3587, -38.0419,  
0.7811

98.2834, -47.0268,  
2.3254

51.6441, -34.7946,  
0.3501

111.4164,  
-49.8427, 2.9150

41.6250, -31.3635,  
-0.0330

125.0872,  
-52.5935, 3.5388

32.3535, -27.6907,  
-0.3631

139.2755,  
-55.2894, 4.1950

23.8956, -23.6884,  
-0.6334

153.9631,  
-57.9384, 4.8822

16.3388, -19.2134,  
-0.8341

169.1334,

9.8069, -17.1621,

-60.5475, 5.5991

-0.9501

184.7717,  
-63.1221, 6.3448

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 73.7249, -41.1449,  
1.2551

■ 73.7249, -41.1449,  
1.2551

■ 73.3865, -42.6467,  
1.9408

■ 74.2384, -38.9687,  
0.7836

■ 73.1875, -43.5878,  
2.7937

■ 74.9415, -36.0606,  
0.5513


■ 73.1598, -43.7227,  
2.9414


■ 75.8491, -32.3930,  
0.5782


■ 76.9702, -27.9631,  
0.8756


■ 78.3101, -22.7891,

1.4482

 79.8706, -16.9061,  
2.2938

 81.6509, -10.3626,  
3.4050

 83.6475, -3.2160,  
4.7701

 85.8552, 4.4714,  
6.3739

# Harmonies

## Analogous

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



73.7263, -37.8168, 19.4349



73.7249, -41.1449, 1.2551



73.7263, -35.4933, -21.7624

# Triad

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



73.7263, -41.1452, 1.2560



73.7263, 20.8320, -37.1546



73.7263, 15.3437, 31.5169

# Complementary

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



73.7249, -41.1449, 1.2551



41.4344, 59.2628, 19.4099

# 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.



73.7263, 34.0198, 22.9110



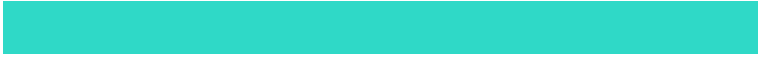
73.7249, -41.1449, 1.2551



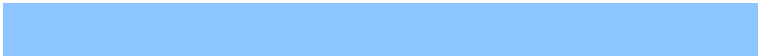
73.7263, 37.4371, -15.6850

# Square

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



73.7263, -41.1452, 1.2560



73.7263, -1.0721, -47.6363



73.7263, 42.5205, 6.6677



73.7263, -6.7604, 33.6623

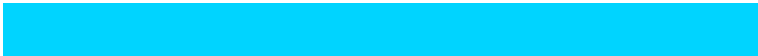


# Rectangle

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



73.7249, -41.1449, 1.2551



73.7263, -26.9611, -35.8421



73.7263, 42.5205, 6.6677



73.7263, 22.3111, 29.4366

# Sweetspot

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



73.7263, -41.1452, 1.2560



94.7483, -24.5504, 2.1170



71.4287, -55.9501, 40.8012



43.5351, -12.4962, 0.8250

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



73.7263, -41.1452, 1.2560



87.9294, -51.9867, 2.9825



52.9331, -8.6658, -41.0663



38.4767, -5.2512, 1.5447



56.9285, -33.9676, 2.1707



14.5140, -8.5011, 0.2103



# Inverse Universe

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



41.4344, 59.2628, 19.4099



46.6563, 78.3097, 27.4911



51.5603, 30.7414, 29.2154



36.1577, 1.4530, 2.5997



29.9579, 51.4536, 18.1971

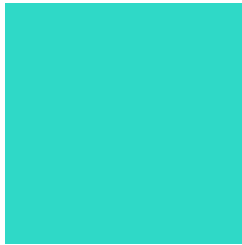


7.6758, 13.2838, 3.8842



# Previews

## White Background



This preview shows how the HunterLab color 73.7249, -41.1449, 1.2551 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

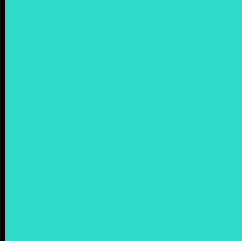
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 73.7249, -41.1449, 1.2551 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

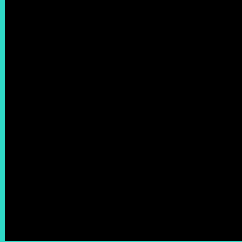
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

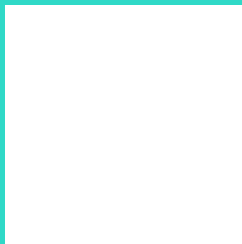
Any Text WCAG AAA ✓ Pass

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

# HunterLab 73.7249, -41.1449, 1.2551 Background



This preview shows how black text looks on a background with the HunterLab color 73.7249, -41.1449, 1.2551.



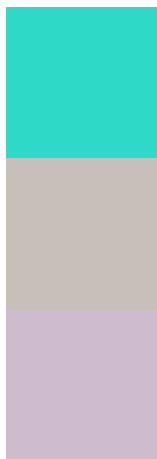
This preview shows how white text looks on a background with the HunterLab color 73.7249, -41.1449, 1.2551.

-41.1449, 1.2551.

# 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

73.7249, -41.1449, 1.2551

### Protanopia

72.9437, -3.1059, 7.5857

### Deuteranopia

72.8493, 5.4242, -2.0229



## Tritanopia

73.5291, -30.8903, -15.5980

# Trichromacy



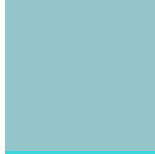
## Original Color

73.7249, -41.1449, 1.2551



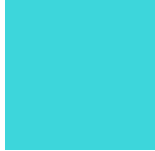
## Protanomaly

71.6454, -21.9634, 3.4489



## Deuteranomaly

71.4114, -17.0214, -3.2042



## Tritanomaly

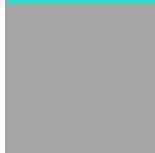
73.6205, -34.8651, -9.2184

# Monochromacy



## Original Color

73.7249, -41.1449, 1.2551



## Achromatopsia

60.9293, -3.2510, 3.3104



## Achromatomaly

64.1142, -21.0082, 0.6738

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.7249, -41.1449, 1.2551 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(47, 217, 199)` looks like.

```
.text, #text, p{  
    color:rgb(47, 217, 199)  
}
```

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(47, 217, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 217, 199) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.7249, -41.1449, 1.2551 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(47, 217, 199) }
```



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

```
.border{ border-color:rgb(47, 217, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 217, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 217, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 217, 199);  
box-shadow:4px 4px 4px 4px rgb(47, 217,  
199) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.7249, -41.1449, 1.2551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 217, 199) }
```

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

```
.background{ background-color: rgb(47, 217,  
199) }
```

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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