

# Converting Colors

HunterLab(71.3686, -42.5805,  
11.1245)

Have a look what the booklet for  
HunterLab(71.3686, -42.5805,  
11.1245) contains.

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# Color

**HunterLab(71.4963,  
-42.7084, 11.3577)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 40D4AB                       |
| RGB         | 64, 212, 171                 |
| RGB Percent | 25%, 83%, 67%                |
| CMY         | 0.7490, 0.1686, 0.3294       |
| CMYK        | 0.70, 0.00, 0.19, 0.17       |
| HSL         | 163°, 63%, 54%               |
| HSV         | 163°, 70%, 83%               |
| XYZ         | 33.0085, 51.1172, 46.6549    |
| YIQ         | 163.0740, -75.0470, -44.1270 |

# Conversions

## Conversions Part 2

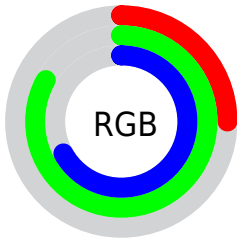
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 64, 150, 212                  |
| Decimal                             | 4248747                       |
| CIELab                              | 76.75, -48.33, 9.13           |
| CIELCh                              | 77, 49.188, 169.297           |
| Yxy                                 | 51.1192, 0.2524,<br>0.3909    |
| Android<br>(android.graphics.Color) | 4282438827<br>(0xFF40D4AB)    |
| YUV                                 | 163.0740, 3.9075,<br>-86.8879 |
| Hunter-Lab                          | 71.4963, -42.7084,<br>11.3577 |

# Details

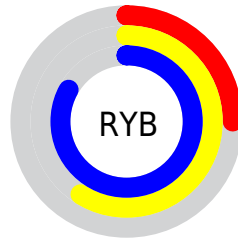
The HunterLab color **71.4963, -42.7084, 11.3577** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **43.2262, 54.5811, 9.2574**, and the grayscale version is **60.5574, -3.2312, 3.2902**.

A 20% lighter version of the original color is **90.4195, -42.3656, 7.7942**, and **50.1087, -33.4790, 9.6401** is the 20% darker color. If you saturate the color by 10%, you get **70.9362, -45.2868, 13.1135**, and if you desaturate by 10%, it is **72.2489, -39.3885, 9.7491**.

# Distribution



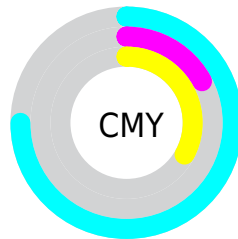
- Red (25%)
- Green (83%)
- Blue (67%)



- Red (25%)
- Yellow (59%)
- Blue (83%)



- Cyan (70%)
- Magenta (0%)
- Yellow (19%)
- Black (17%)




- Cyan (75%)
- Magenta (17%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.4963, -42.7084, 11.3577 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 71.4963, -42.7084, 11.3577 by changing the saturation by 10% instead.





 71.4963, -42.7084,  
11.3577

 71.4963, -42.7084,  
11.3577


197.7440,  
-68.6047, 21.5479


 60.2524, -39.3968,  
10.2829


 95.8285, -48.9607,  
13.5339


 49.6676, -35.9195,  
9.2111


 108.8558,  
-51.9434, 14.6378


 39.7874, -32.2307,  
8.1380


 122.4251,  
-54.8513, 15.7543

 30.6663, -28.2634,  
7.0554

 136.5157,  
-57.6959, 16.8842

 22.3736, -23.9142,  
5.9499

 151.1088,  
-60.4866, 18.0281

 15.0021, -19.3203,  
4.7975

166.1878,

 8.6452, -15.1291,

-63.2309, 19.1865

4.8506

181.7375,  
-65.9351, 20.3597

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.4963, -42.7084,  
11.3577

■ 71.4963, -42.7084,  
11.3577

■ 70.9362, -45.2868,  
13.1135

■ 72.2489, -39.3885,  
9.7491

■ 70.5456, -47.1753,  
14.9790

■ 73.2026, -35.3033,  
8.3149

■ 70.2879, -48.5167,  
16.9006


■ 74.3675, -30.4568,  
7.0797


■ 70.2834, -48.5405,  
16.9369

■ 75.7479, -24.8739,  
6.0618


■ 77.3453, -18.5964,

5.2731

 79.1581, -11.6782,  
4.7203

 81.1824, -4.1814,  
4.4048

 83.4124, 3.8284,  
4.3232

 85.8410, 12.2852,  
4.4689

# Harmonies

## Analogous

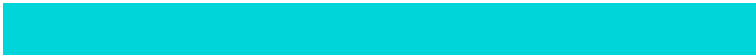
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.4977, -34.6941, 26.4684



71.4963, -42.7084, 11.3577



71.4977, -41.3595, -11.6627

# Triad

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



71.4977, -42.7089, 11.3585



71.4977, 11.5872, -49.1063



71.4977, 27.7850, 29.2367

# Complementary

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



71.4963, -42.7084, 11.3577



43.2262, 54.5811, 9.2574

# 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.



71.4977, 43.5362, 16.5848



71.4963, -42.7084, 11.3577



71.4977, 33.3885, -29.8278

# Square

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



71.4977, -42.7089, 11.3585



71.4977, -11.9453, -51.8823



71.4977, 45.7089, -4.4785



71.4977, 4.6877, 34.3681



# Rectangle

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



71.4963, -42.7084, 11.3577



71.4977, -35.2733, -28.6797



71.4977, 45.7089, -4.4785



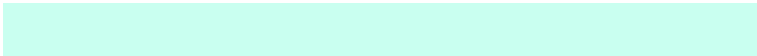
71.4977, 34.2338, 25.9532

# Sweetspot

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



71.4977, -42.7089, 11.3585



95.0268, -24.0611, 6.6185



71.0769, -48.0230, 38.9097



43.7021, -12.1540, 3.1793

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.4977, -42.7089, 11.3585



87.1535, -57.0943, 17.3149



62.0170, -21.2975, -21.7090



37.4786, -5.3935, 2.2251



55.2379, -38.0401, 13.0751



13.6163, -9.0350, 2.4846



# Inverse Universe

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



43.2262, 54.5811, 9.2574



48.7390, 77.0709, 16.6714



47.6935, 37.3020, 24.0106



35.3225, 1.6731, 1.8302



29.7473, 51.6421, 13.8037

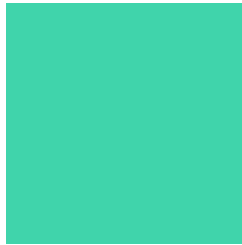


7.4011, 13.0335, 1.9997



# Previews

## White Background



This preview shows how the HunterLab color 71.4963, -42.7084, 11.3577 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 71.4963, -42.7084, 11.3577 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

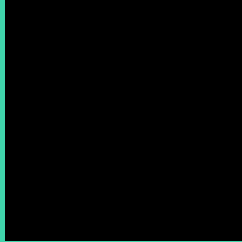
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

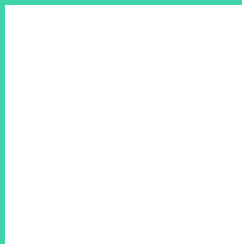
Any Text WCAG AAA ✓ Pass

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

## HunterLab 71.4963, -42.7084, 11.3577 Background



This preview shows how black text looks on a background with the HunterLab color 71.4963, -42.7084, 11.3577.



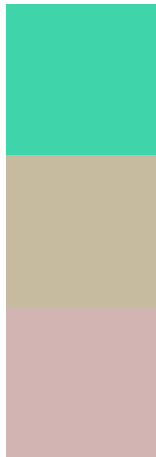
This preview shows how white text looks on a background with the HunterLab color 71.4963,

-42.7084, 11.3577.

# 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

71.4963, -42.7084, 11.3577

### Protanopia

70.7458, -4.4185, 16.0264

### Deuteranopia

70.6850, 5.4396, 8.3216



## Tritanopia

71.3882, -27.5468, -13.8887

# Trichromacy



## Original Color

71.4963, -42.7084, 11.3577



## Protanomaly

69.6518, -22.5965, 13.0280



## Deuteranomaly

69.2550, -16.8305, 7.6582



## Tritanomaly

71.4743, -33.7756, -3.4174

# Monochromacy



## Original Color

71.4963, -42.7084, 11.3577



## Achromatopsia

60.5188, -3.2291, 3.2881



## Achromatomaly

63.4925, -20.7008, 5.0728

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.4963, -42.7084, 11.3577 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, 212, 171)` looks like.

```
.text, #text, p{  
    color:rgb(64, 212, 171)  
}
```

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, 212, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 212, 171) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.4963, -42.7084, 11.3577 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, 212, 171) }
```



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

```
.border{ border-color:rgb(64, 212, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 212, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 212, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 212, 171);  
box-shadow:4px 4px 4px 4px rgb(64, 212,  
171) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.4963, -42.7084, 11.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 212, 171) }
```

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

```
.background{ background-color: rgb(64, 212,  
171) }
```

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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