

# Converting Colors

HunterLab(71.5152, -16.0022,  
17.3418)

Have a look what the booklet for  
HunterLab(71.5152, -16.0022,  
17.3418) contains.

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# Color

**HunterLab(71.5152,  
-16.0022, 17.3418)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0C49D
RGB	176, 196, 157
RGB Percent	69%, 77%, 62%
CMY	0.3098, 0.2314, 0.3843
CMYK	0.10, 0.00, 0.20, 0.23
HSL	91°, 25%, 69%
HSV	91°, 20%, 77%
XYZ	43.7302, 51.1442, 39.4652
YIQ	185.5740, 0.5990, -16.3690

# Conversions

## Conversions Part 2

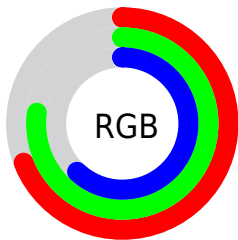
Format	Color
<a href="#">RYB</a>	<a href="#">157, 196, 177</a>
Decimal	<a href="#">11584669</a>
CIELab	<a href="#">76.77, -13.86, 17.34</a>
CIELCh	<a href="#">77, 22.201, 128.627</a>
Yxy	<a href="#">51.1465, 0.3255, 0.3807</a>
Android (android.graphics.Color)	<a href="#">4289774749 (0xFFB0C49D)</a>
YUV	<a href="#">185.5740, -14.0870, -8.3964</a>
Hunter-Lab	<a href="#">71.5152, -16.0022, 17.3418</a>

# Details

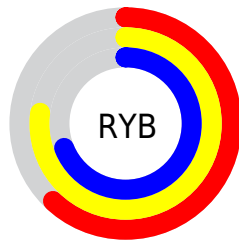
The HunterLab color  $71.5152, -16.0022, 17.3418$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $61.1947, 10.0358, -12.7180$ , and the grayscale version is  $69.9523, -3.7325, 3.8006$ .

A 20% lighter version of the original color is  $95.9999, -18.7148, 20.3581$ , and  $49.5959, -13.2171, 14.0285$  is the 20% darker color. If you saturate the color by 10%, you get  $70.2858, -21.4145, 22.8430$ , and if you desaturate by 10%, it is  $72.8602, -10.1559, 11.0394$ .

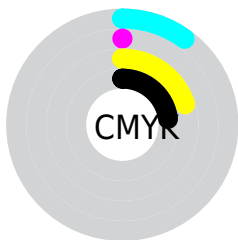
# Distribution



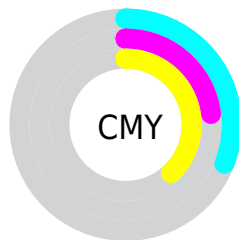
- Red (69%)
- Green (77%)
- Blue (62%)



- Red (62%)
- Yellow (77%)
- Blue (69%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (23%)




- Cyan (31%)
- Magenta (23%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.5152, -16.0022, 17.3418 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 71.5152, -16.0022, 17.3418 by changing the saturation by 10% instead.





 71.5152, -16.0022,  
17.3418

 71.5152, -16.0022,  
17.3418


197.7707,  
-27.9621, 30.7081

 60.2704, -14.6791,  
15.8133


 95.8495, -18.6366,  
20.3438

 49.6844, -13.3411,  
14.2527


 108.8777,  
-19.9521, 21.8278

 39.8031, -11.9811,  
12.6470


122.4479,  
-21.2707, 23.3065

 30.6806, -10.5859,  
10.9755

136.5393,  
-22.5942, 24.7829

 22.3865, -9.1341,  
9.2060

151.1333,  
-23.9240, 26.2595

 15.0135, -7.5884,  
7.3163

166.2131,

 8.6557, -7.4393,

-25.2613, 27.7383

6.0590

181.7635,  
-26.6071, 29.2207

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.5152, -16.0022,  
17.3418

■ 71.5152, -16.0022,  
17.3418

■ 70.2858, -21.4145,  
22.8430

■ 72.8602, -10.1559,  
11.0394

■ 69.1684, -26.3623,  
27.5212

■ 74.3146, -3.8993,  
3.9616

■ 68.1646, -30.8266,  
31.3690

■ 75.8776, 2.7350,  
-3.8560

■ 67.2735, -34.7930,  
34.3923

■ 77.5465, 9.7153,  
-12.3735

■ 66.4931, -38.2554,

■ 79.3179, 17.0089,

36.6137

-21.5460

■ 65.8198, -41.2177,  
38.0759

■ 80.3673, 20.3575,  
-19.9174

■ 65.2483, -43.6972,  
38.8478

■ 81.4626, 23.8101,  
-18.2436

■ 64.7660, -45.7566,  
39.1023

■ 82.4390, 26.8525,  
-16.7731

■ 64.7615, -45.7762,  
39.1043

# Harmonies

## Analogous

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



71.5168, -6.8262, 20.4118



71.5152, -16.0022, 17.3418



71.5168, -21.6841, 10.5510

# Triad

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



71.5168, -16.0039, 17.3427



71.5168, -11.0373, -16.4246



71.5168, 17.2791, 6.7171

# Complementary

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



71.5152, -16.0022, 17.3418



61.1947, 10.0358, -12.7180

# 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.



71.5168, 15.9907, -3.4742



71.5152, -16.0022, 17.3418



71.5168, -0.7629, -17.8433

# Square

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



71.5168, -16.0039, 17.3427



71.5168, -18.9339, -9.1787



71.5168, 9.2389, -12.8145



71.5168, 12.6640, 14.8845



# Rectangle

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



71.5152, -16.0022, 17.3418



71.5168, -22.9238, 4.3520



71.5168, 9.2389, -12.8145



71.5168, 17.5272, 3.4306

# Sweetspot

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



71.5168, -16.0039, 17.3427



98.7904, -10.5275, 11.3540



67.3937, -0.1384, 13.4619



45.6456, -5.1265, 5.5405

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

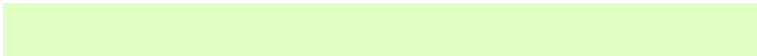


# Same Dimension

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



71.5168, -16.0039, 17.3427



95.4942, -24.8754, 26.7918



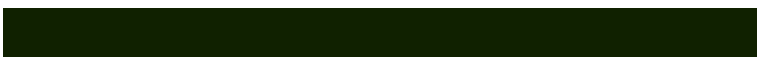
70.0603, -21.3767, 15.8014



33.9031, -4.5690, 4.9635



51.9597, -36.4904, 31.3785



10.9888, -6.8159, 6.6519



# Inverse Universe

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



61.1947, 10.0358, -12.7180



78.5827, 17.8670, -22.6457



63.1162, 16.2114, -9.8854



31.6168, 1.1835, -1.6592



20.9103, 48.0561, -81.4217



4.7941, 10.5180, -14.7928



# Previews

## White Background



This preview shows how the HunterLab color 71.5152, -16.0022, 17.3418 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

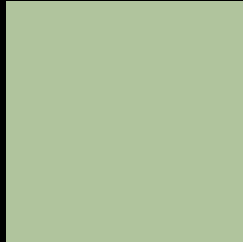
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.5152, -16.0022, 17.3418 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

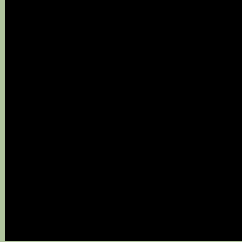
Any Text WCAG AA ✓ Pass

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 71.5152, -16.0022, 17.3418 Background



This preview shows how black text looks on a background with the HunterLab color 71.5152, -16.0022, 17.3418.



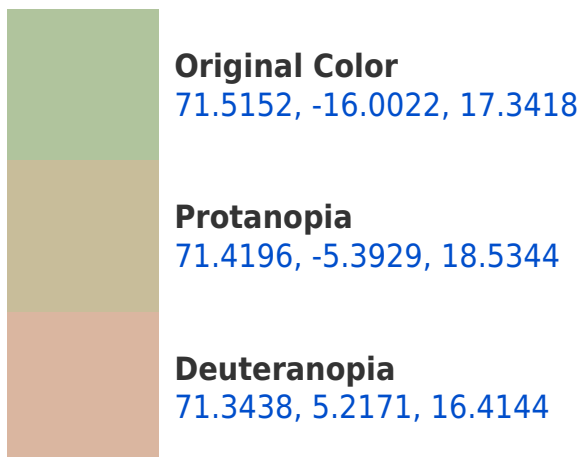
This preview shows how white text looks on a background with the HunterLab color 71.5152,

-16.0022, 17.3418.

# 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

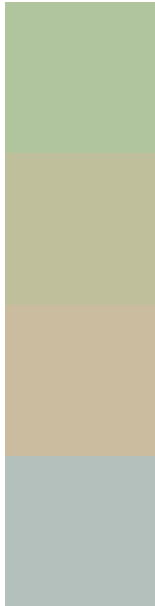




## Tritanopia

71.6254, -3.3263, -3.7335

# Trichromacy



## Original Color

71.5152, -16.0022, 17.3418

## Protanomaly

71.5138, -9.7033, 18.1868

## Deuteranomaly

71.2323, -2.7277, 16.5435

## Tritanomaly

71.4377, -8.2047, 4.3892

# Monochromacy



## Original Color

71.5152, -16.0022, 17.3418

## Achromatopsia

70.0729, -3.7389, 3.8072

## Achromatomaly

70.6167, -8.7122, 9.3090

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.5152, -16.0022, 17.3418 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(176, 196, 157)` looks like.

```
.text, #text, p{  
    color:rgb(176, 196, 157)  
}
```

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(176, 196, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 196, 157) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.5152, -16.0022, 17.3418 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(176, 196, 157) }
```



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

```
.border{ border-color:rgb(176, 196, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 196, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 196, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 196, 157);  
box-shadow:4px 4px 4px 4px rgb(176, 196,  
157) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.5152, -16.0022, 17.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 196, 157) }
```

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

```
.background{ background-color: rgb(176,  
196, 157) }
```

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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