

# Converting Colors

HunterLab(71.7360, -3.9637,  
16.2059)

Have a look what the booklet for  
HunterLab(71.7360, -3.9637,  
16.2059) contains.

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# Color

**HunterLab(71.6840, -4.1344,  
16.2105)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9BDA1
RGB	201, 189, 161
RGB Percent	79%, 74%, 63%
CMY	0.2118, 0.2588, 0.3686
CMYK	0.00, 0.06, 0.20, 0.21
HSL	42°, 27%, 71%
HSV	42°, 20%, 79%
XYZ	48.7181, 51.3860, 41.0690
YIQ	189.3960, 16.1400, -6.1640

# Conversions

## Conversions Part 2

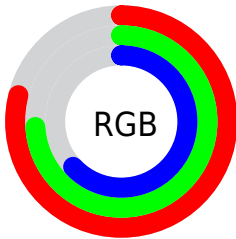
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 201, 161
Decimal	13221281
CIELab	76.91, -0.34, 15.69
CIELCh	77, 15.694, 91.234
Yxy	51.3883, 0.3451, 0.3640
Android (android.graphics.Color)	4291411361 (0xFFC9BDA1)
YUV	189.3960, -13.9992, 10.1767
Hunter-Lab	71.6840, -4.1344, 16.2105

# Details

The HunterLab color  $71.6840, -4.1344, 16.2105$  is a light color, and the websafe version is hex  $CCCC99$ . A complement of this color would be  $64.5603, -1.8776, -10.9988$ , and the grayscale version is  $71.5567, -3.8181, 3.8878$ .

A 20% lighter version of the original color is  $95.6675, -6.4204, 18.5749$ , and  $49.9154, -2.9676, 13.5205$  is the 20% darker color. If you saturate the color by 10%, you get  $69.4229, -3.6860, 21.2250$ , and if you desaturate by 10%, it is  $74.0290, -4.2616, 10.4856$ .

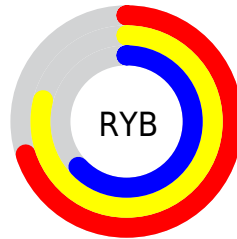
# Distribution



Red (79%)

Green (74%)

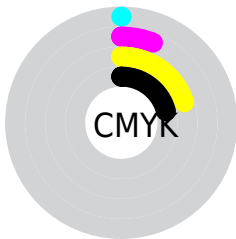
Blue (63%)



Red (70%)

Yellow (79%)

Blue (63%)

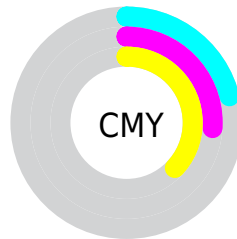


Cyan (0%)

Magenta (6%)

Yellow (20%)

Black (21%)



Cyan (21%)

Magenta (26%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.6840, -4.1344, 16.2105 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 71.6840, -4.1344, 16.2105 by changing the saturation by 10% instead.



■ 71.6840, -4.1344,  
16.2105

■ 71.6840, -4.1344,  
16.2105

198.0077,  
-11.0077, 28.9234

■ 60.4299, -3.5183,  
14.7763

■ 96.0356, -5.4686,  
19.0418

■ 49.8340, -2.9342,  
13.3174

■ 109.0719, -6.1796,  
20.4474

■ 39.9420, -2.3865,  
11.8229

122.6499, -6.9190,  
21.8515

■ 30.8080, -1.8776,  
10.2748

136.7487, -7.6856,  
23.2567

■ 22.5012, -1.4107,  
8.6448

151.3499, -8.4787,  
24.6650

■ 15.1139, -0.9901,  
6.8850

166.4367, -9.2972,

■ 8.7486, -0.6356,

26.0781

6.1240

181.9939,  
-10.1404, 27.4972

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.6840, -4.1344,  
16.2105

■ 71.6840, -4.1344,  
16.2105

■ 69.4229, -3.6860,  
21.2250

■ 74.0290, -4.2616,  
10.4856

■ 67.2439, -2.8991,  
25.4914

■ 76.4499, -4.0745,  
4.0850

■ 65.1517, -1.7677,  
28.9807

■ 78.9448, -3.5895,  
-2.9514

■ 63.1487, -0.2880,  
31.6714

■ 81.5106, -2.8217,  
-10.5849

■ 61.2367, 1.5377,

■ 83.8905, -3.1690,

33.5540

-15.2271

■ 59.4163, 3.6994,  
34.6377

■ 85.7795, -6.3034,  
-12.6454

■ 57.6867, 6.1751,  
34.9596

■ 87.6936, -9.4125,  
-10.0931

■ 56.0389, 8.8984,  
34.6806

■ 89.6316, -12.4967,  
-7.5699

■ 56.0227, 8.9260,  
34.6772

■ 91.5927, -15.5564,  
-5.0751

# Harmonies

## Analogous

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



71.6856, 3.1822, 14.8300



71.6840, -4.1344, 16.2105



71.6856, -11.0930, 14.5846

# Triad

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



71.6856, -4.1365, 16.2115



71.6856, -15.6490, -3.5149



71.6856, 9.1399, -2.9565

# Complementary

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



71.6840, -4.1344, 16.2105



64.5603, -1.8776, -10.9988

# 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.



71.6856, 3.7367, -8.7288



71.6840, -4.1344, 16.2105



71.6856, -10.5803, -9.0736

# Square

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



71.6856, -4.1365, 16.2115



71.6856, -17.5704, 3.6084



71.6856, -3.5206, -11.0710



71.6856, 11.0328, 4.1944



# Rectangle

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



71.6840, -4.1344, 16.2105



71.6856, -14.6397, 11.9064



71.6856, -3.5206, -11.0710



71.6856, 7.6633, -5.1471

# Sweetspot

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



71.6856, -4.1365, 16.2115



98.0616, -5.5300, 10.6257



63.9727, 11.8670, 2.9856



45.2712, -2.5641, 5.1686

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

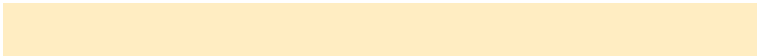


# Same Dimension

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



71.6856, -4.1365, 16.2115



92.4716, -5.2045, 24.2403



74.6220, -12.6302, 18.9696



34.4371, -1.9781, 4.7213



44.6099, 6.7279, 27.6062



10.3184, 0.3600, 6.3644



# Inverse Universe

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



64.5603, -1.8776, -10.9988



81.1336, -1.5559, -19.1696



61.7597, 6.5194, -14.8788



32.8594, -1.4886, -1.2816



22.0076, 24.1405, -79.6200



5.9850, 2.3567, -12.5682



# Previews

## White Background



This preview shows how the HunterLab color 71.6840, -4.1344, 16.2105 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

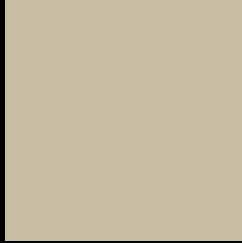
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.6840, -4.1344, 16.2105 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

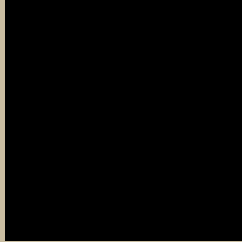
Any Text WCAG AA ✓ Pass

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 71.6840, -4.1344, 16.2105 Background



This preview shows how black text looks on a background with the HunterLab color 71.6840, -4.1344, 16.2105.



This preview shows how white text looks on a background with the HunterLab color 71.6840, -4.1344,



# 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

71.6840, -4.1344, 16.2105

### Protanopia

71.5875, -4.4704, 16.1077

### Deuteranopia

71.6806, 4.9679, 15.9825



## Tritanopia

71.7496, 5.7631, 0.1642

# Trichromacy



## Original Color

71.6840, -4.1344, 16.2105

## Protanomaly

71.5875, -4.4704, 16.1077

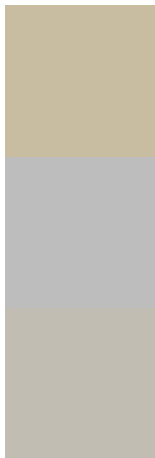
## Deuteranomaly

71.6265, 1.8050, 15.8725

## Tritanomaly

71.7342, 1.9128, 6.2992

# Monochromacy



## Original Color

71.6840, -4.1344, 16.2105

## Achromatopsia

71.3359, -3.8063, 3.8758

## Achromatomaly

71.4054, -4.1521, 8.5152

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.6840, -4.1344, 16.2105 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(201, 189, 161)` looks like.

```
.text, #text, p{  
    color:rgb(201, 189, 161)  
}
```

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(201, 189, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 189, 161) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.6840, -4.1344, 16.2105 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(201, 189, 161) }
```



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

```
.border{ border-color:rgb(201, 189, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 189, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 189, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 189, 161);  
box-shadow:4px 4px 4px 4px rgb(201, 189,  
161) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.6840, -4.1344, 16.2105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 189, 161) }
```

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

```
.background{ background-color: rgb(201,  
189, 161) }
```

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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