

# Converting Colors

HunterLab(75.9067, -5.3472,  
13.9313)

Have a look what the booklet for  
HunterLab(75.9067, -5.3472,  
13.9313) contains.

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# Color

**HunterLab(76.0186, -5.2431,  
13.8998)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFC8B2
RGB	207, 200, 178
RGB Percent	81%, 78%, 70%
CMY	0.1882, 0.2157, 0.3020
CMYK	0.00, 0.03, 0.14, 0.19
HSL	46°, 23%, 75%
HSV	46°, 14%, 81%
XYZ	54.4223, 57.7883, 50.4054
YIQ	199.5850, 11.2340, -5.3580

# Conversions

## Conversions Part 2

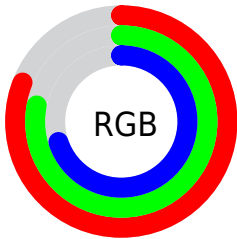
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 207, 178
Decimal	13617330
CIELab	80.62, -1.28, 11.87
CIELCh	81, 11.942, 96.150
Yxy	57.7908, 0.3347, 0.3554
Android (android.graphics.Color)	4291807410 (0xFFCFC8B2)
YUV	199.5850, -10.6414, 6.5030
Hunter-Lab	76.0186, -5.2431, 13.8998

# Details

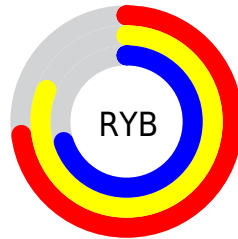
The HunterLab color  $76.0186, -5.2431, 13.8998$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $69.7617, -1.8968, -7.2172$ , and the grayscale version is  $75.8638, -4.0479, 4.1218$ .

A 20% lighter version of the original color is  $99.3582, -8.8632, 14.6183$ , and  $53.6756, -3.7525, 11.5775$  is the 20% darker color. If you saturate the color by 10%, you get  $73.9902, -5.5739, 19.8257$ , and if you desaturate by 10%, it is  $78.1263, -4.5761, 7.1932$ .

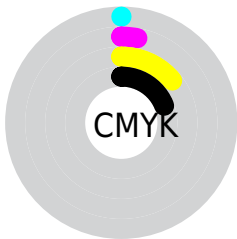
# Distribution



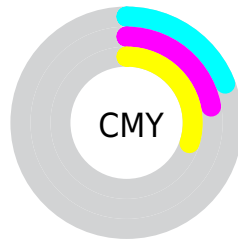
- Red (81%)
- Green (78%)
- Blue (70%)



- Red (73%)
- Yellow (81%)
- Blue (70%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.0186, -5.2431, 13.8998 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 76.0186, -5.2431, 13.8998 by changing the saturation by 10% instead.



■ 76.0186, -5.2431,  
13.8998

■ 76.0186, -5.2431,  
13.8998

204.0603,  
-12.5482, 25.1589

■ 64.5295, -4.5681,  
12.6788

■ 100.8059, -6.6866,  
16.3477

■ 53.6842, -3.9216,  
11.4516

114.0456, -7.4487,  
17.5784

■ 43.5254, -3.3073,  
10.2127

127.8191, -8.2372,  
18.8165

■ 34.1032, -2.7266,  
8.9516

142.1063, -9.0512,  
20.0635

■ 25.4803, -2.1813,  
7.6522

156.8894, -9.8900,  
21.3205

■ 17.7391, -1.6733,  
6.2870

172.1523,

■ 10.9947, -1.2042,

-10.7528, 22.5883

5.2677

187.8804,  
-11.6391, 23.8676

■ 2.6249, -2.2639,  
1.8374

0.0000, NaN, NaN

■ 76.0186, -5.2431,  
13.8998

■ 76.0186, -5.2431,  
13.8998

■ 73.9902, -5.5739,  
19.8257

■ 78.1263, -4.5761,  
7.1932

■ 72.0381, -5.5525,  
24.9367

■ 80.3060, -3.5783,  
-0.2628

■ 70.1657, -5.1741,  
29.2086

■ 82.5570, -2.2651,  
-8.4300

■ 68.3742, -4.4357,  
32.6245

■ 84.6529, -1.8680,  
-14.1322

66.6641, -3.3394,  
35.1787

86.2099, -4.4803,  
-12.0219

65.0351, -1.8938,  
36.8817

87.7842, -7.0757,  
-9.9303

63.4855, -0.1165,  
37.7667

89.3753, -9.6543,  
-7.8574

62.0114, 1.9620,  
37.9005

90.9828, -12.2161,  
-5.8030

61.1566, 3.3049,  
37.7423

92.6060, -14.7614,  
-3.7667

# Harmonies

## Analogous

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



76.0203, 0.4778, 13.1715



76.0186, -5.2431, 13.8998



76.0203, -10.4948, 12.1761

# Triad

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



76.0203, -5.2452, 13.9009



76.0203, -12.8129, -2.3546



76.0203, 6.3550, -0.2542

# Complementary

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



76.0186, -5.2431, 13.8998



69.7617, -1.8968, -7.2172

# 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.



76.0203, 2.5955, -4.8867



76.0186, -5.2431, 13.8998



76.0203, -8.4944, -6.1611

# Square

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



76.0203, -5.2452, 13.9009



76.0203, -14.7793, 2.9987



76.0203, -2.8681, -7.1206



76.0203, 7.2876, 5.2599



# Rectangle

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



76.0186, -5.2431, 13.8998



76.0203, -13.0564, 9.7850



76.0203, -2.8681, -7.1206



76.0203, 5.3746, -1.9785

# Sweetspot

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



76.0203, -5.2452, 13.9009



98.8941, -5.7972, 9.1414



69.7283, 7.0899, 3.9441



45.6575, -2.7187, 4.5439

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.0203, -5.2452, 13.9009



95.4065, -6.8207, 20.1051



77.5148, -11.0657, 15.3533



36.4612, -2.3585, 5.1695



48.7011, 2.3442, 30.0504



12.0211, -0.3172, 7.4018



# Inverse Universe

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



69.7617, -1.8968, -7.2172



85.7116, -1.6117, -12.6569



68.3316, 3.8533, -9.0478



34.4590, -1.2919, -1.5762



20.9683, 30.3445, -91.7136



6.1022, 4.0521, -16.3745



# Previews

## White Background



This preview shows how the HunterLab color 76.0186, -5.2431, 13.8998 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

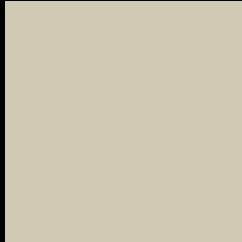
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.0186, -5.2431, 13.8998 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

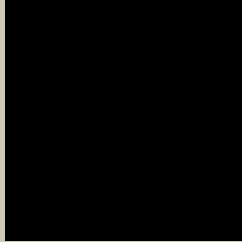
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

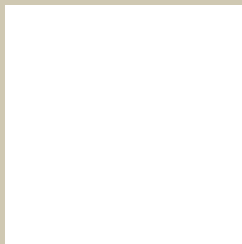
Any Text WCAG AAA ✓ Pass

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

## HunterLab 76.0186, -5.2431, 13.8998 Background



This preview shows how black text looks on a background with the HunterLab color 76.0186, -5.2431, 13.8998.



This preview shows how white text looks on a background with the HunterLab color 76.0186, -5.2431, 13.8998.



# 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

76.0186, -5.2431, 13.8998

### Protanopia

75.9055, -4.0753, 13.8017

### Deuteranopia

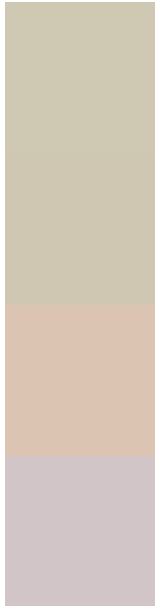
75.9773, 5.3838, 13.6302



## Tritanopia

75.8830, 3.9607, -1.3240

# Trichromacy



## Original Color

76.0186, -5.2431, 13.8998

## Protanomaly

75.8097, -4.4089, 13.6952

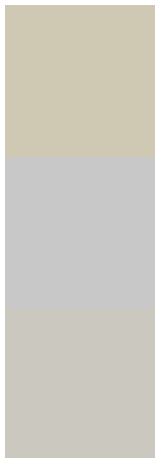
## Deuteranomaly

76.1250, 1.3551, 13.7153

## Tritanomaly

75.9985, 0.5361, 4.6857

# Monochromacy



## Original Color

76.0186, -5.2431, 13.8998

## Achromatopsia

75.9987, -4.0551, 4.1292

## Achromatomaly

76.0334, -4.4135, 7.8868

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.0186, -5.2431, 13.8998 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(207, 200, 178)` looks like.

```
.text, #text, p{  
    color:rgb(207, 200, 178)  
}
```

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(207, 200, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 200, 178) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.0186, -5.2431, 13.8998 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(207, 200, 178) }
```



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

```
.border{ border-color:rgb(207, 200, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 200, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 200, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 200, 178);  
box-shadow:4px 4px 4px 4px rgb(207, 200,  
178) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.0186, -5.2431, 13.8998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 200, 178) }
```

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

```
.background{ background-color: rgb(207,  
200, 178) }
```

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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