

# Converting Colors

HunterLab(80.1223, -4.9334,  
5.7397)

Have a look what the booklet for  
HunterLab(80.1223, -4.9334, 5.7397)  
contains.

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# Color

**HunterLab(80.1872, -4.7896,  
5.6795)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | D2D2CF                    |
| RGB         | 210, 210, 207             |
| RGB Percent | 82%, 82%, 81%             |
| CMY         | 0.1765, 0.1765, 0.1882    |
| CMYK        | 0.00, 0.00, 0.01, 0.18    |
| HSL         | 60°, 3%, 82%              |
| HSV         | 60°, 1%, 82%              |
| XYZ         | 60.8875, 64.2999, 68.2336 |
| YIQ         | 209.6580, 0.9630, -0.9330 |

# Conversions

## Conversions Part 2

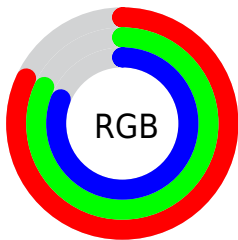
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 207, 210, 207                |
| Decimal                             | 13816527                     |
| CIE Lab                             | 84.12, -0.54, 1.48           |
| CIE LCh                             | 84, 1.570, 110.050           |
| Yxy                                 | 64.3026, 0.3148,<br>0.3324   |
| Android<br>(android.graphics.Color) | 4292006607<br>(0xFFD2D2CF)   |
| YUV                                 | 209.6580, -1.3104,<br>0.2999 |
| Hunter-Lab                          | 80.1872, -4.7896,<br>5.6795  |

# Details

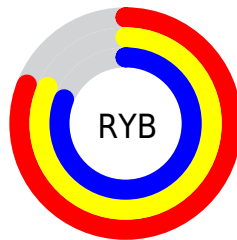
The HunterLab color  $80.1872, -4.7896, 5.6795$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $79.0860, -3.6999, 2.9545$ , and the grayscale version is  $80.1392, -4.2760, 4.3541$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $57.5715, -3.5542, 4.3765$  is the 20% darker color. If you saturate the color by 10%, you get  $79.5857, -8.1076, 14.2903$ , and if you desaturate by 10%, it is  $80.8721, -1.0651, -3.9978$ .

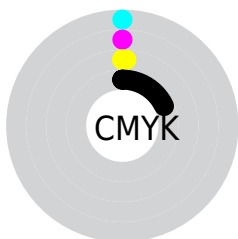
# Distribution



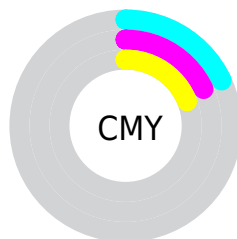
- Red (82%)
- Green (82%)
- Blue (81%)



- Red (81%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.1872, -4.7896, 5.6795 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 80.1872, -4.7896, 5.6795 by changing the saturation by 10% instead.



■ 80.1872, -4.7896,  
5.6795

■ 80.1872, -4.7896,  
5.6795

209.8289,  
-11.9084, 13.2422

■ 68.4805, -4.1400,  
4.9748

105.3787, -6.1855,  
7.1794

■ 57.4050, -3.5208,  
4.2993

118.8077, -6.9255,  
7.9701

■ 47.0007, -2.9357,  
3.6556

132.7632, -7.6928,  
8.7871

■ 37.3143, -2.3867,  
3.0450

147.2259, -8.4864,  
9.6298

■ 28.4034, -1.8764,  
2.4692

162.1788, -9.3055,  
10.4972

■ 20.3425, -1.4078,  
1.9297

177.6061,

■ 13.2331, -0.9849,

-10.1494, 11.3889

1.4278

193.4938,  
-11.0172, 12.3040

■ 6.7561, -0.7081,  
1.2729

0.0000, NaN, NaN

■ 80.1872, -4.7896,  
5.6795

■ 80.1872, -4.7896,  
5.6795

■ 79.5857, -8.1076,  
14.2903

■ 80.8721, -1.0651,  
-3.9978

■ 79.0610, -11.0126,  
21.8286

■ 81.6364, 3.0670,  
-14.7340

■ 78.6127, -13.5096,  
28.3041

■ 81.8714, 4.3262,  
-17.9890

■ 78.2381, -15.6060,  
33.7363

■ 81.8738, 4.3342,  
-17.9854

■ 77.9342, -17.3139,  
38.1566

■ 81.8761, 4.3423,  
-17.9818

■ 77.6971, -18.6504,  
41.6099

■ 81.8785, 4.3503,  
-17.9782

■ 77.5220, -19.6382,  
44.1555

■ 81.8809, 4.3583,  
-17.9746

■ 77.4035, -20.3068,  
45.8700

■ 81.8833, 4.3663,  
-17.9710

■ 77.3345, -20.6941,  
46.8522

■ 81.8856, 4.3743,  
-17.9674

# Harmonies

## Analogous

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



80.1889, -4.0262, 5.7440



80.1872, -4.7896, 5.6795



80.1889, -5.4183, 5.2668

# Triad

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



80.1889, -4.7915, 5.6808



80.1889, -5.2344, 3.2743



80.1889, -2.8149, 4.1204

# Complementary

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



80.1872, -4.7896, 5.6795



79.0860, -3.6999, 2.9545

# 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.



80.1889, -3.1413, 3.4524



80.1872, -4.7896, 5.6795



80.1889, -4.5394, 2.9608

# Square

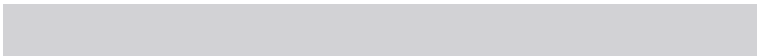
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.1889, -4.7915, 5.6808



80.1889, -5.6734, 3.8790



80.1889, -3.7732, 3.0264



80.1889, -2.8830, 4.8478



# Rectangle

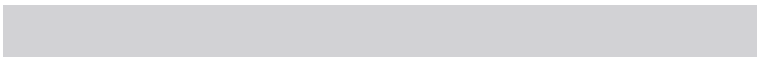
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.1872, -4.7896, 5.6795



80.1889, -5.6742, 4.8455



80.1889, -3.7732, 3.0264



80.1889, -2.8822, 3.8814

# Sweetspot

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



80.1889, -4.7915, 5.6808

100.0000, -5.3358, 5.4332



79.2678, -3.2565, 4.6329



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

# Same Dimension

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



80.1889, -4.7915, 5.6808



99.8372, -6.2272, 7.7482



80.0523, -5.2679, 5.5138



37.3578, -2.3069, 2.8392



60.3744, -16.2926, 36.9172



14.2770, -3.8493, 8.7301

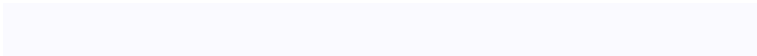


# Inverse Universe

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



79.0860, -3.6999, 2.9545



97.8958, -4.3055, 2.9489



79.2230, -3.2248, 3.1262



36.6821, -1.6380, 1.1686



16.8515, 45.7015, -119.6738

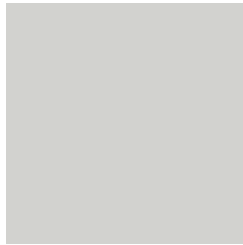


3.9879, 10.8089, -28.2713



# Previews

## White Background



This preview shows how the HunterLab color 80.1872, -4.7896, 5.6795 looks on a white background.

## Color Contrast Check

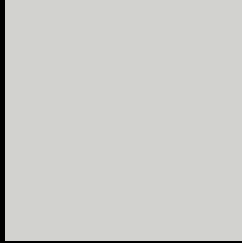
Large Text (above 18pt) WCAG AA × Fail

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 80.1872, -4.7896, 5.6795 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

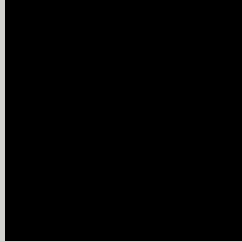
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

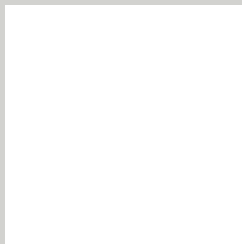
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# HunterLab 80.1872, -4.7896, 5.6795 Background



This preview shows how black text looks on a background with the HunterLab color 80.1872, -4.7896, 5.6795.



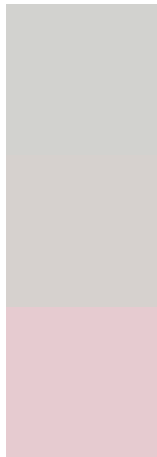
This preview shows how white text looks on a background with the HunterLab color 80.1872, -4.7896, 5.6795.



# 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

80.1872, -4.7896, 5.6795

### Protanopia

80.2205, -3.1572, 6.2190

### Deuteranopia

80.0556, 5.6678, 5.2335



## Tritanopia

80.0959, 0.6959, -2.8354

# Trichromacy



## Original Color

80.1872, -4.7896, 5.6795

## Protanomaly

80.1270, -3.4815, 6.1053

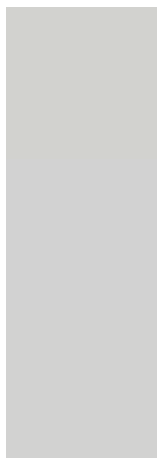
## Deuteranomaly

80.2400, 1.7033, 5.3794

## Tritanomaly

80.1067, -1.2264, 0.2467

# Monochromacy



## Original Color

80.1872, -4.7896, 5.6795

## Achromatopsia

80.2795, -4.2835, 4.3617

## Achromatomaly

80.2485, -4.4531, 4.8034

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.1872, -4.7896, 5.6795 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(210, 210, 207)` looks like.

```
.text, #text, p{  
    color:rgb(210, 210, 207)  
}
```

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(210, 210, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 210, 207) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.1872, -4.7896, 5.6795 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(210, 210, 207) }
```

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

```
.border{ border-color:rgb(210, 210, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 210, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 210, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 210, 207);  
box-shadow:4px 4px 4px 4px rgb(210, 210,  
207) }
```



# Background

The CSS property to change the background color of an element to HunterLab 80.1872, -4.7896, 5.6795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 210, 207) }
```

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

```
.background{ background-color: rgb(210,  
210, 207) }
```

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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