

# Converting Colors

HunterLab(86.1896, -6.9138,  
5.9316)

Have a look what the booklet for  
HunterLab(86.1896, -6.9138, 5.9316)  
contains.

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# Color

**HunterLab(86.1896, -6.9138,  
5.9316)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DCE1DD
RGB	220, 225, 221
RGB Percent	86%, 88%, 87%
CMY	0.1372, 0.1176, 0.1333
CMYK	0.02, 0.00, 0.02, 0.12
HSL	132°, 8%, 87%
HSV	132°, 2%, 88%
XYZ	69.4915, 74.2865, 79.0827
YIQ	223.0490, -1.6960, -2.3040

# Conversions

## Conversions Part 2

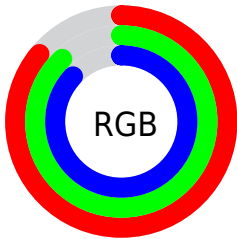
Format	Color
R <sub>Y</sub> B	220, 224, 225
Decimal	14475741
CIE Lab	89.06, -2.40, 1.36
CIE LCh	89, 2.757, 150.508
Yxy	74.2897, 0.3118, 0.3333
Android (android.graphics.Color)	4292665821 (0xFFDCE1DD)
YUV	223.0490, -1.0102, -2.6740
Hunter-Lab	86.1896, -6.9138, 5.9316

# Details

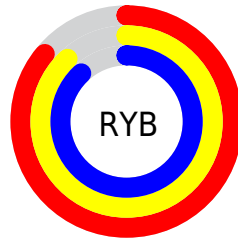
The HunterLab color  $86.1896, -6.9138, 5.9316$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $85.1925, -2.2058, 3.3747$ , and the grayscale version is  $85.9294, -4.5850, 4.6687$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $62.8506, -5.5458, 4.5985$  is the 20% darker color. If you saturate the color by 10%, you get  $83.7275, -16.7680, 11.2906$ , and if you desaturate by 10%, it is  $88.9110, 3.6060, 0.3915$ .

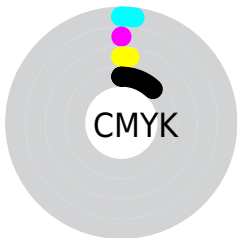
# Distribution



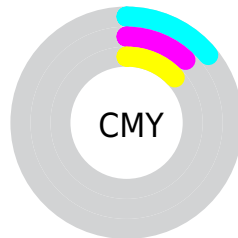
- Red (86%)
- Green (88%)
- Blue (87%)



- Red (86%)
- Yellow (88%)
- Blue (88%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (14%)
- Magenta (12%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.1896, -6.9138, 5.9316 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 86.1896, -6.9138, 5.9316 by changing the saturation by 10% instead.



■ 86.1896, -6.9138,  
5.9316

■ 86.1896, -6.9138,  
5.9316

218.0533,  
-14.8048, 13.5665

■ 74.1830, -6.1604,  
5.2178

111.9403, -8.5037,  
7.4492

■ 62.7907, -5.4316,  
4.5328

125.6317, -9.3348,  
8.2482

■ 52.0498, -4.7303,  
3.8793

139.8399,  
-10.1899, 9.0735

■ 42.0026, -4.0570,  
3.2586

154.5466,  
-11.0683, 9.9241

■ 32.7008, -3.4124,  
2.6725

169.7355,  
-11.9696, 10.7993

■ 24.2096, -2.7966,  
2.1226

185.3918,

■ 16.6156, -2.2091,

-12.8930, 11.6985

1.6108

201.5019,  
-13.8382, 12.6211

■ 10.0407, -1.6465,  
1.1384

0.0000, NaN, NaN

■ 86.1896, -6.9138,  
5.9316

■ 86.1896, -6.9138,  
5.9316

■ 83.7275, -16.7680,  
11.2906

■ 88.9110, 3.6060,  
0.3915

■ 81.5290, -25.8442,  
16.4088

■ 90.7377, 10.8152,  
-5.7173

■ 79.6032, -34.0408,  
21.2286

■ 77.9542, -41.2641,  
25.6908

■ 76.5822, -47.4383,  
29.7395

■ 75.4826, -52.5143,  
33.3261

■ 74.6454, -56.4773,  
36.4127

■ 74.0539, -59.3546,  
38.9753

■ 73.6834, -61.2234,  
41.0056

# Harmonies

## Analogous

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



86.1914, -5.9551, 6.8518



86.1896, -6.9138, 5.9316



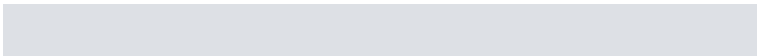
86.1914, -7.2578, 4.6691

# Triad

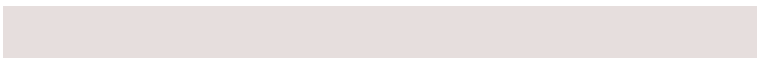
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.1914, -6.9158, 5.9329



86.1914, -4.5799, 2.1125



86.1914, -2.2907, 5.9713

# Complementary

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



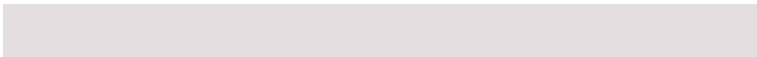
86.1896, -6.9138, 5.9316



85.1925, -2.2058, 3.3747

# Split Complementary

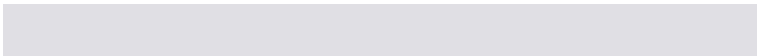
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.1914, -1.9169, 4.7141



86.1896, -6.9138, 5.9316



86.1914, -3.2437, 2.4741

# Square

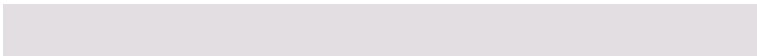
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



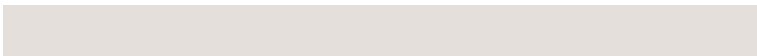
86.1914, -6.9158, 5.9329



86.1914, -5.9144, 2.4510



86.1914, -2.2667, 3.4316



86.1914, -3.2849, 6.8737



# Rectangle

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



86.1896, -6.9138, 5.9316



86.1914, -7.0906, 3.7969



86.1914, -2.2667, 3.4316



86.1914, -2.0880, 5.5769

# Sweetspot

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



86.1914, -6.9158, 5.9329



99.6940, -6.5331, 6.0702



86.5344, -5.7776, 6.8279



46.1300, -2.9951, 2.7938

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.1914, -6.9158, 5.9329



99.0908, -8.9046, 7.3379



86.2668, -6.5013, 4.8578



39.8728, -3.9471, 3.1504



55.8152, -47.0791, 31.8661



14.7381, -12.1239, 7.7507



# Inverse Universe

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



85.1925, -2.2058, 3.3747



97.5283, -1.5374, 3.3364



85.1160, -2.6232, 4.4659



39.0855, -0.2348, 1.1342



33.3781, 62.9033, -22.9447

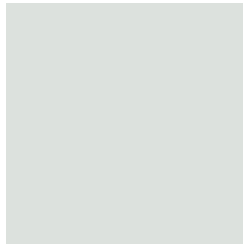


8.8562, 16.8031, -6.9639



# Previews

## White Background



This preview shows how the HunterLab color 86.1896, -6.9138, 5.9316 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

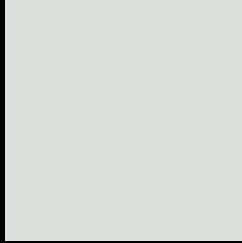
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.1896, -6.9138, 5.9316 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

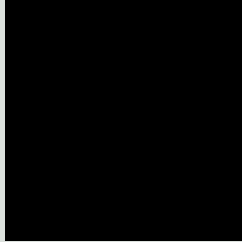
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

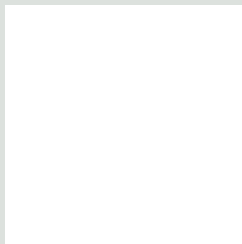
Any Text WCAG AAA ✓ Pass

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

# HunterLab 86.1896, -6.9138, 5.9316 Background



This preview shows how black text looks on a background with the HunterLab color 86.1896, -6.9138, 5.9316.



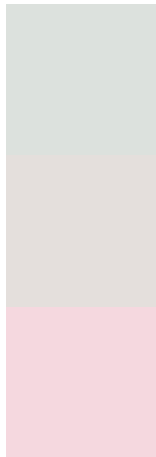
This preview shows how white text looks on a background with the HunterLab color 86.1896, -6.9138,



# 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

86.1896, -6.9138, 5.9316

### Protanopia

86.2767, -3.4680, 6.5716

### Deuteranopia

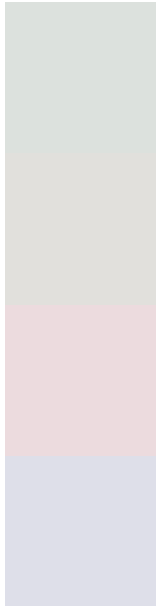
85.9371, 6.4961, 4.9029



## Tritanopia

86.1521, -1.0061, -3.6651

# Trichromacy



## Original Color

86.1896, -6.9138, 5.9316

## Protanomaly

86.3054, -4.9646, 6.5786

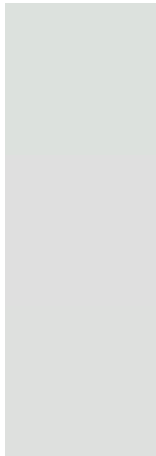
## Deuteranomaly

85.8894, 1.6315, 5.2480

## Tritanomaly

86.1325, -3.1368, -0.0465

# Monochromacy



## Original Color

86.1896, -6.9138, 5.9316

## Achromatopsia

85.9017, -4.5835, 4.6672

## Achromatomaly

86.0900, -5.5918, 5.3563

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.1896, -6.9138, 5.9316 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(220, 225, 221)` looks like.

```
.text, #text, p{  
    color:rgb(220, 225, 221)  
}
```

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(220, 225, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 225, 221) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.1896, -6.9138, 5.9316 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(220, 225, 221) }
```



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

```
.border{ border-color:rgb(220, 225, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 225, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 225, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 225, 221);  
box-shadow:4px 4px 4px 4px rgb(220, 225,  
221) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.1896, -6.9138, 5.9316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 225, 221) }
```

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

```
.background{ background-color: rgb(220,  
225, 221) }
```

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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