

# Converting Colors

HunterLab(86.6843, -8.1033,  
0.1329)

Have a look what the booklet for  
HunterLab(86.6843, -8.1033, 0.1329)  
contains.

<b>HunterLab(86.6169, -7.8162, -0.0474)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(86.6169, -7.8162,  
-0.0474)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5E3EA
RGB	213, 227, 234
RGB Percent	84%, 89%, 92%
CMY	0.1647, 0.1098, 0.0823
CMYK	0.09, 0.03, 0.00, 0.08
HSL	200°, 33%, 88%
HSV	200°, 9%, 92%
XYZ	69.7610, 75.0249, 88.6464
YIQ	223.6120, -10.5910, -0.7910

# Conversions

## Conversions Part 2

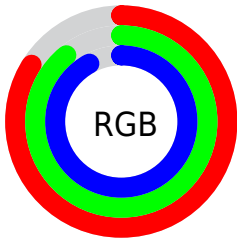
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 221, 234
Decimal	14017514
CIE Lab	89.41, -3.31, -5.02
CIE LCh	89, 6.013, 236.564
Yxy	75.0280, 0.2988, 0.3214
Android (android.graphics.Color)	4292207594 (0xFFD5E3EA)
YUV	223.6120, 5.1213, -9.3067
Hunter-Lab	86.6169, -7.8162, -0.0474

# Details

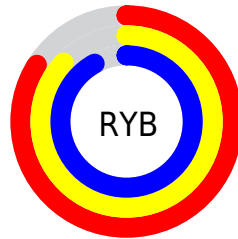
The HunterLab color  $86.6169, -7.8162, -0.0474$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $85.7219, -1.0540, 9.2619$ , and the grayscale version is  $86.1513, -4.5968, 4.6808$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $63.2365, -6.5359, -0.6393$  is the 20% darker color. If you saturate the color by 10%, you get  $82.2245, -10.6581, -5.6510$ , and if you desaturate by 10%, it is  $91.1841, -4.4757, 5.4935$ .

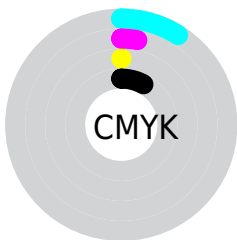
# Distribution



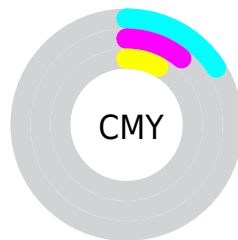
- Red (84%)
- Green (89%)
- Blue (92%)



- Red (84%)
- Yellow (87%)
- Blue (92%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (16%)
- Magenta (11%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.6169, -7.8162, -0.0474 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 86.6169, -7.8162, -0.0474 by changing the saturation by 10% instead.



■ 86.6169, -7.8162,  
-0.0474

■ 86.6169, -7.8162,  
-0.0474

218.6353,  
-16.0377, 5.5000

■ 74.5894, -7.0180,  
-0.4823

112.4064, -9.4890,  
0.9483

■ 63.1752, -6.2422,  
-0.8742

126.1161,  
-10.3592, 1.5015

■ 52.4111, -5.4909,  
-1.2179

140.3418,  
-11.2519, 2.0894

■ 42.3390, -4.7642,  
-1.5087

155.0655,  
-12.1666, 2.7106

■ 33.0103, -4.0618,  
-1.7408

170.2709,  
-13.1030, 3.3634

■ 24.4898, -3.3826,  
-1.9060

185.9431,

■ 16.8628, -2.7238,

-14.0605, 4.0467

-1.9933

202.0687,  
-15.0389, 4.7592

■ 10.2499, -2.0786,  
-1.9865

0.0000, NaN, -NF

■ 86.6169, -7.8162,  
-0.0474

■ 86.6169, -7.8162,  
-0.0474

■ 82.2245, -10.6581,  
-5.6510

■ 91.1841, -4.4757,  
5.4935

■ 78.0149, -12.9347,  
-11.3135

■ 95.4260, -2.3455,  
10.3946

■ 74.0041, -14.5822,  
-17.0200

■ 97.8861, -6.4526,  
13.0541

■ 70.2066, -15.5332,  
-22.7500

■ 99.3582, -8.8630,  
14.6176

■ 66.6364, -15.7229,  
-28.4755

■ 63.3056, -15.0962,  
-34.1611

■ 60.2229, -13.6175,  
-39.7666

■ 57.3902, -11.2863,  
-45.2540

■ 54.7864, -8.1963,  
-50.6265

# Harmonies

## Analogous

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



86.6187, -9.7836, 2.1959



86.6169, -7.8162, -0.0474



86.6187, -4.9758, -1.0105

# Triad

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



86.6187, -7.8179, -0.0460



86.6187, 1.2751, 4.3816



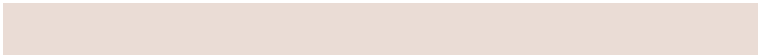
86.6187, -7.2203, 9.5339

# Complementary

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



86.6169, -7.8162, -0.0474



85.7219, -1.0540, 9.2619

# 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.



86.6187, -4.2764, 10.0743



86.6169, -7.8162, -0.0474



86.6187, 0.6544, 7.1605

# Square

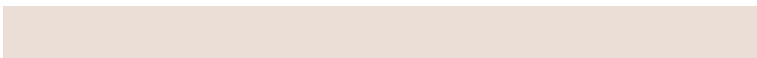
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.6187, -7.8179, -0.0460



86.6187, 0.2966, 1.6005



86.6187, -1.3880, 9.2200



86.6187, -9.4419, 7.7177



# Rectangle

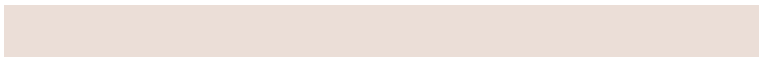
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



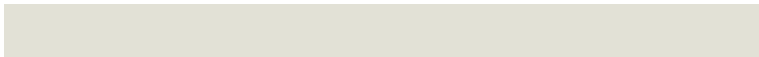
86.6169, -7.8162, -0.0474



86.6187, -2.9567, -0.7757



86.6187, -1.3880, 9.2200



86.6187, -6.2835, 9.8680

# Sweetspot

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



86.6187, -7.8179, -0.0460



98.4695, -6.4852, 3.5981



88.3979, -13.8786, 8.9750



45.3685, -3.1389, 1.4372

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

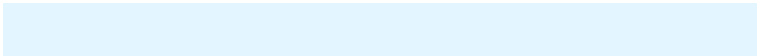


# Same Dimension

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



86.6187, -7.8179, -0.0460



94.4692, -9.3169, -1.3286



83.4485, -2.5747, -3.9320



40.2830, -3.7161, -0.1496



41.1670, -6.3515, -37.7442



12.2732, -2.8994, -9.0814



# Inverse Universe

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



84.0408, 4.9895, 0.6001



90.9964, 8.0370, -0.4159



88.8679, -6.3165, 12.6496



39.0173, 2.5807, 0.1712



33.4718, 61.4259, -10.1875

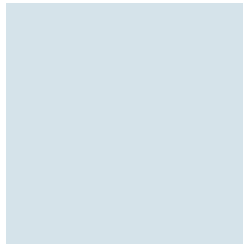


9.4735, 17.5495, -4.1556



# Previews

## White Background



This preview shows how the HunterLab color 86.6169, -7.8162, -0.0474 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

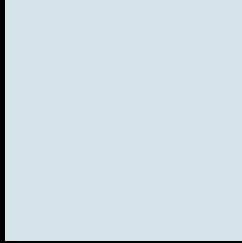
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.6169, -7.8162, -0.0474 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

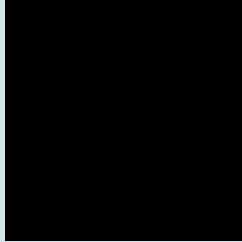
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

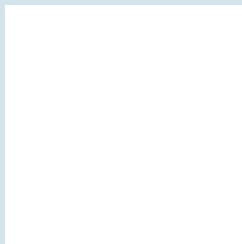
Any Text WCAG AAA ✓ Pass

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

# HunterLab 86.6169, -7.8162, -0.0474 Background



This preview shows how black text looks on a background with the HunterLab color 86.6169, -7.8162, -0.0474.



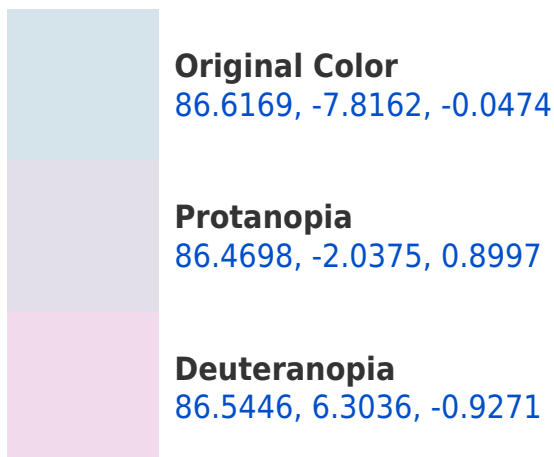
This preview shows how white text looks on a background with the HunterLab color 86.6169, -7.8162, -0.0474.

-0.0474.

# 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

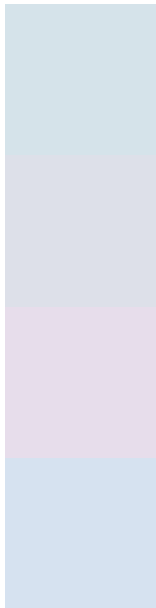




## Tritanopia

86.7818, -5.0102, -4.5451

# Trichromacy



## Original Color

86.6169, -7.8162, -0.0474

## Protanomaly

86.3520, -3.9733, 0.2089

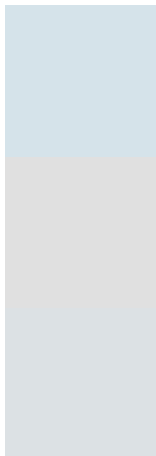
## Deuteranomaly

86.4292, 1.1804, -0.6395

## Tritanomaly

86.5911, -5.8829, -3.1924

# Monochromacy



## Original Color

86.6169, -7.8162, -0.0474

## Achromatopsia

86.3368, -4.6067, 4.6908

## Achromatomaly

86.4104, -5.7002, 2.7837

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.6169, -7.8162, -0.0474 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(213, 227, 234)` looks like.

```
.text, #text, p{  
    color:rgb(213, 227, 234)  
}
```

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(213, 227, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 227, 234) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.6169, -7.8162, -0.0474 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(213, 227, 234) }
```



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

```
.border{ border-color:rgb(213, 227, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 227, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 227, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 227, 234);  
box-shadow:4px 4px 4px 4px rgb(213, 227,  
234) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.6169, -7.8162, -0.0474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 227, 234) }
```

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

```
.background{ background-color: rgb(213,  
227, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor