

Converting Colors

HunterLab(87.8302, -4.0247,
2.1450)

Have a look what the booklet for
HunterLab(87.8302, -4.0247, 2.1450)
contains.

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Color

**HunterLab(87.7440, -3.9454,
1.9069)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E3E9
RGB	226, 227, 233
RGB Percent	89%, 89%, 91%
CMY	0.1137, 0.1098, 0.0863
CMYK	0.03, 0.03, 0.00, 0.09
HSL	231°, 14%, 90%
HSV	231°, 3%, 91%
XYZ	73.5411, 76.9901, 88.0754
YIQ	227.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

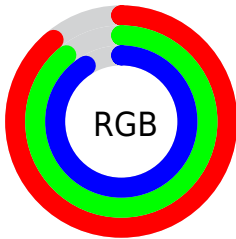
Format	Color
R _Y B	226, 227, 233
Decimal	14869481
CIE Lab	90.32, 0.76, -3.04
CIE LCh	90, 3.136, 283.976
Yxy	76.9934, 0.3082, 0.3227
Android (android.graphics.Color)	4293059561 (0xFFE2E3E9)
YUV	227.3850, 2.7682, -1.2146
Hunter-Lab	87.7440, -3.9454, 1.9069

Details

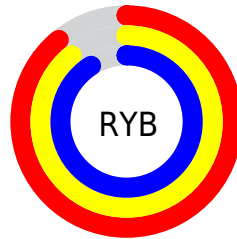
The HunterLab color $87.7440, -3.9454, 1.9069$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $89.7368, -5.4891, 7.6595$, and the grayscale version is $87.8030, -4.6849, 4.7705$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $64.2941, -2.8980, 1.2094$ is the 20% darker color. If you saturate the color by 10%, you get $79.4896, -0.8251, -8.5350$, and if you desaturate by 10%, it is $96.2176, -6.7349, 11.6663$.

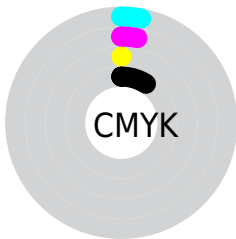
Distribution



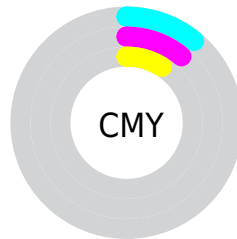
- Red (89%)
- Green (89%)
- Blue (91%)



- Red (89%)
- Yellow (89%)
- Blue (91%)



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



- Cyan (11%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.7440, -3.9454, 1.9069 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 87.7440, -3.9454, 1.9069 by changing the saturation by 10% instead.

■ 87.7440, -3.9454,
1.9069

■ 87.7440, -3.9454,
1.9069

220.1685,
-10.7557, 8.1167

■ 75.6620, -3.3375,
1.3841

113.6354, -5.2638,
3.0676

■ 64.1903, -2.7621,
0.9000

127.3930, -5.9675,
3.6987

■ 53.3652, -2.2236,
0.4592

141.6649, -6.6997,
4.3619

■ 43.2281, -1.7244,
0.0653

156.4332, -7.4594,
5.0559

■ 33.8291, -1.2680,
-0.2766

171.6817, -8.2457,
5.7794

■ 25.2317, -0.8587,
-0.5603

187.3959, -9.0577,

■ 17.5189, -0.5023,

6.5314

-0.7765

203.5622, -9.8946,
7.3107

■ 10.8070, -0.2076,
-0.9114

■ 1.8780, 1.6568,
-6.6139

■ 87.7440, -3.9454,
1.9069

■ 87.7440, -3.9454,
1.9069

■ 79.4896, -0.8251,
-8.5350

■ 96.2176, -6.7349,
11.6663

■ 71.4791, 2.7210,
-19.8531

■ 99.3294, -9.0221,
15.0319

■ 63.7540, 6.8079,
-32.2900

■ 56.3682, 11.5869,
-46.1513

■ 49.3958, 17.2452,
-61.7945

■ 42.9407, 23.9888,
-79.5641

■ 37.1491, 31.9708,
-99.5881

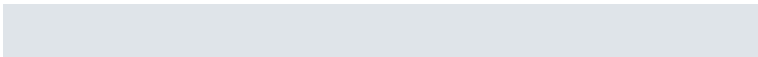
■ 32.2187, 41.0972,
-121.2949

■ 28.3887, 50.6630,
-142.6275

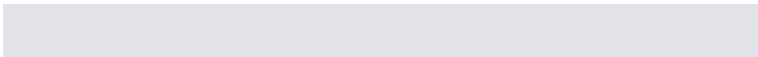
Harmonies

Analogous

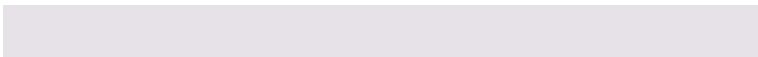
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.7459, -5.5285, 1.9361



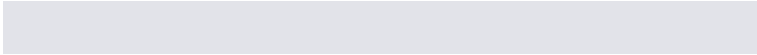
87.7440, -3.9454, 1.9069



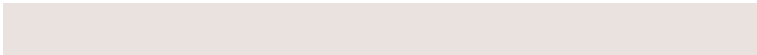
87.7459, -2.5547, 2.6585

Triad

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



87.7459, -3.9474, 1.9083



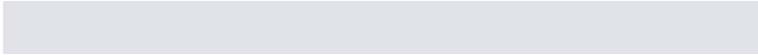
87.7459, -2.4767, 6.7708



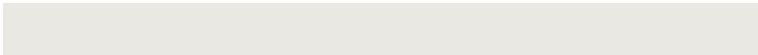
87.7459, -7.6044, 5.5749

Complementary

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



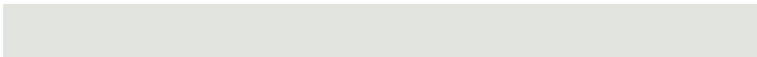
87.7440, -3.9454, 1.9069



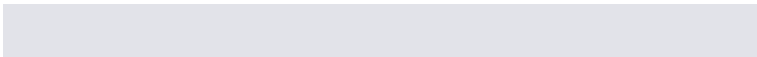
89.7368, -5.4891, 7.6595

Split Complementary

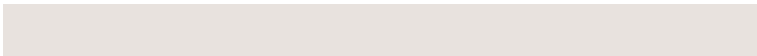
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.7459, -6.7983, 6.8425



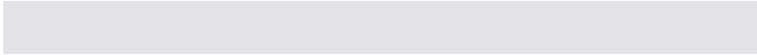
87.7440, -3.9454, 1.9069



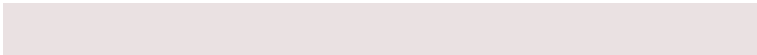
87.7459, -3.8415, 7.5245

Square

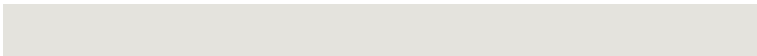
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



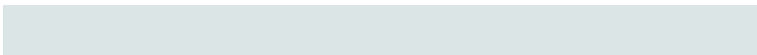
87.7459, -3.9474, 1.9083



87.7459, -1.7016, 5.4754



87.7459, -5.4234, 7.5505



87.7459, -7.6323, 4.0713

Rectangle

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



87.7440, -3.9454, 1.9069



87.7459, -1.9237, 3.4913



87.7459, -5.4234, 7.5505



87.7459, -7.4157, 6.0421

Sweetspot

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



87.7459, -3.9474, 1.9083



99.0625, -5.0172, 4.3302



89.5942, -7.2415, 4.5831



45.8523, -2.3285, 2.0287

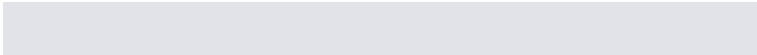
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

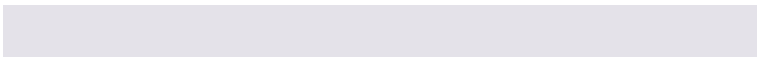
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.7459, -3.9474, 1.9083



96.2642, -4.0400, 0.9770



87.6612, -2.6363, 1.8288



40.4334, -1.6085, 0.0725



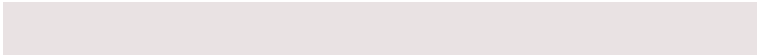
20.1875, 41.7237, -115.3020



6.5485, 8.6752, -26.9124

Inverse Universe

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



87.8998, -2.1960, 5.1032



96.4955, -1.4451, 5.7332



89.8244, -6.8055, 7.7367



40.5497, -0.3162, 2.4493



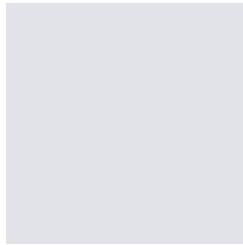
31.4710, 54.1314, 18.5030



8.8809, 15.3983, 4.2698

Previews

White Background



This preview shows how the HunterLab color 87.7440, -3.9454, 1.9069 looks on a white background.

Color Contrast Check

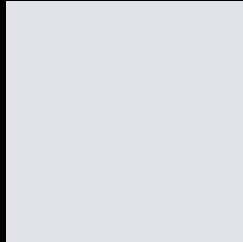
Large Text (above 18pt) WCAG AA × Fail

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 87.7440, -3.9454, 1.9069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

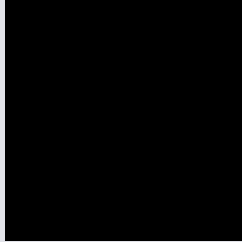
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

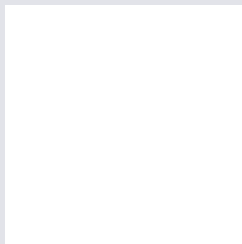
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.7440, -3.9454, 1.9069 Background



This preview shows how black text looks on a background with the HunterLab color 87.7440, -3.9454, 1.9069.



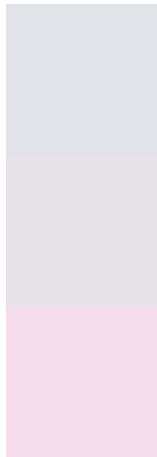
This preview shows how white text looks on a background with the HunterLab color 87.7440, -3.9454,

1.9069.

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

87.7440, -3.9454, 1.9069

Protanopia

87.7735, -2.3108, 2.4757

Deuteranopia

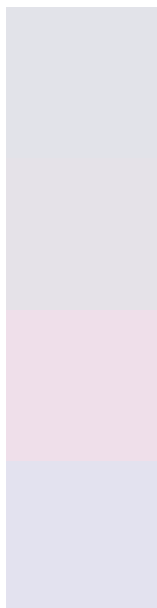
87.5898, 6.5928, 1.3963



Tritanopia

87.6444, -0.4308, -3.3632

Trichromacy



Original Color

87.7440, -3.9454, 1.9069

Protanomaly

87.6795, -2.6356, 2.3568

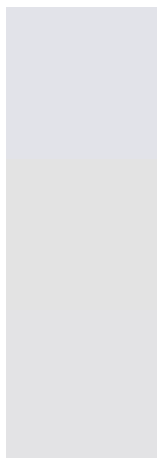
Deuteranomaly

87.7876, 2.6028, 1.5670

Tritanomaly

87.7243, -2.0180, -1.1722

Monochromacy



Original Color

87.7440, -3.9454, 1.9069

Achromatopsia

87.6442, -4.6765, 4.7619

Achromatomaly

87.7076, -4.3295, 3.8585

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.7440, -3.9454, 1.9069 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(226, 227, 233)` looks like.

```
.text, #text, p{  
    color:rgb(226, 227, 233)  
}
```

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(226, 227, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 227, 233) }
```

Border

The CSS property to change the border of an element to HunterLab 87.7440, -3.9454, 1.9069 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(226, 227, 233) }
```


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

```
.border{ border-color:rgb(226, 227, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 227, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 227, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 227, 233);  
box-shadow:4px 4px 4px 4px rgb(226, 227,  
233) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.7440, -3.9454, 1.9069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 227, 233) }
```

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

```
.background{ background-color: rgb(226,  
227, 233) }
```

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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