

Converting Colors

HunterLab(87.6909, -2.1787,
0.6341)

Have a look what the booklet for
HunterLab(87.6909, -2.1787, 0.6341)
contains.

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Color

**HunterLab(87.6840, -2.4238,
0.8423)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E2EB
RGB	228, 226, 235
RGB Percent	89%, 89%, 92%
CMY	0.1059, 0.1137, 0.0784
CMYK	0.03, 0.04, 0.00, 0.08
HSL	253°, 18%, 90%
HSV	253°, 4%, 92%
XYZ	74.1867, 76.8848, 89.5274
YIQ	227.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

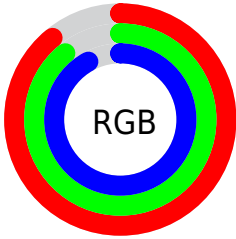
Format	Color
R _Y B	228, 226, 235
Decimal	15000299
CIE Lab	90.27, 2.31, -4.14
CIE LCh	90, 4.743, 299.084
Yxy	76.8881, 0.3083, 0.3196
Android (android.graphics.Color)	4293190379 (0xFFE4E2EB)
YUV	227.6240, 3.6364, 0.3298
Hunter-Lab	87.6840, -2.4238, 0.8423

Details

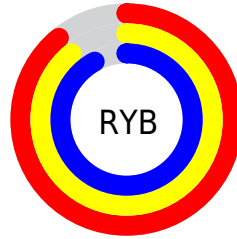
The HunterLab color $87.6840, -2.4238, 0.8423$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $90.6826, -7.0429, 8.7091$, and the grayscale version is $87.9034, -4.6903, 4.7760$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $64.2376, -1.4517, 0.1945$ is the 20% darker color. If you saturate the color by 10%, you get $78.8269, 4.1079, -10.4734$, and if you desaturate by 10%, it is $96.8025, -8.7318, 11.3561$.

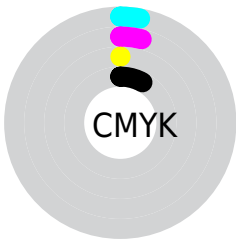
Distribution



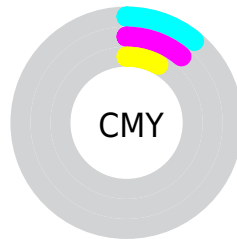
- Red (89%)
- Green (89%)
- Blue (92%)



- Red (89%)
- Yellow (89%)
- Blue (92%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.6840, -2.4238, 0.8423 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 87.6840, -2.4238, 0.8423 by changing the saturation by 10% instead.

■ 87.6840, -2.4238,
0.8423

■ 87.6840, -2.4238,
0.8423

220.0869, -8.6941,
6.6949

■ 75.6049, -1.8883,
0.3669

113.5700, -3.6070,
1.9141

■ 64.1362, -1.3891,
-0.0676

127.3251, -4.2469,
2.5032

■ 53.3144, -0.9312,
-0.4562

141.5945, -4.9177,
3.1259

■ 43.1807, -0.5181,
-0.7946

156.3604, -5.6181,
3.7805

■ 33.7854, -0.1544,
-1.0775

171.6067, -6.3469,
4.4659

■ 25.1921, 0.1539,
-1.2976

187.3186, -7.1031,

■ 17.4838, 0.3979,

5.1808

-1.4447

203.4828, -7.8858,
5.9241

■ 10.7772, 0.5641,
-1.5035

■ 1.7292, 5.7173,
-9.8417

■ 87.6840, -2.4238,
0.8423

■ 87.6840, -2.4238,
0.8423

■ 78.8269, 4.1079,
-10.4734

■ 96.8025, -8.7318,
11.3561

■ 70.2658, 10.9400,
-22.8320

■ 99.3872, -8.7031,
14.2013

■ 62.0566, 18.1556,
-36.5375

■ 54.2742, 25.8475,
-51.9662

■ 47.0241, 34.0856,
-69.5274

■ 40.4572, 42.8335,
-89.5065

■ 34.7842, 51.7541,
-111.6316

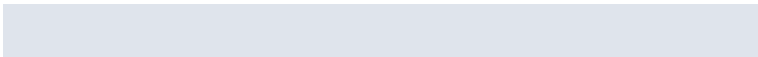
■ 30.2755, 59.8896,
-134.2192

■ 27.1978, 65.5330,
-153.4350

Harmonies

Analogous

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



87.6859, -4.7573, 0.2629



87.6840, -2.4238, 0.8423



87.6859, -0.6835, 2.4842

Triad

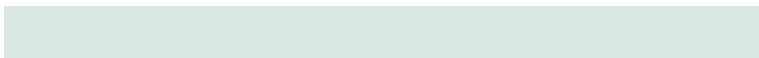
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.6859, -2.4258, 0.8438



87.6859, -2.2965, 8.4612



87.6859, -9.2562, 4.8432

Complementary

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



87.6840, -2.4238, 0.8423



90.6826, -7.0429, 8.7091

Split Complementary

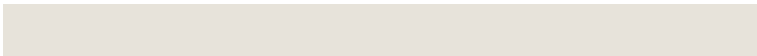
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.6859, -8.6128, 7.0016



87.6840, -2.4238, 0.8423



87.6859, -4.6095, 9.0556

Square

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



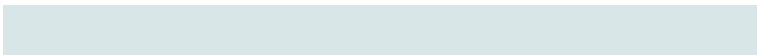
87.6859, -2.4258, 0.8438



87.6859, -0.6083, 6.8830



87.6859, -6.9184, 8.5284



87.6859, -8.6854, 2.6092

Rectangle

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



87.6840, -2.4238, 0.8423



87.6859, -0.0996, 3.9364



87.6859, -6.9184, 8.5284



87.6859, -9.1749, 5.6014

Sweetspot

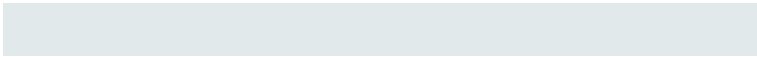
The Sweet Spot groups the original color and five complimentary colors.



87.6859, -2.4258, 0.8438



98.9997, -4.6374, 4.2623



89.7080, -6.7301, 3.2125



45.8247, -2.1615, 1.9989

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.6859, -2.4258, 0.8438



95.0263, -1.8200, -0.5060



88.1053, -0.9810, 1.3806



39.9163, -0.5733, -0.5494



19.4754, 50.4926, -120.2844



5.8263, 14.4767, -31.1107

Inverse Universe

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



88.2845, -0.4959, 2.6167



95.8918, 0.9587, 2.0744



90.2738, -8.4781, 8.2191



40.3312, 0.7558, 0.6923



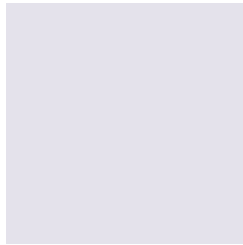
34.2770, 64.2996, -21.2555



9.6782, 18.2768, -6.9449

Previews

White Background



This preview shows how the HunterLab color 87.6840, -2.4238, 0.8423 looks on a white background.

Color Contrast Check

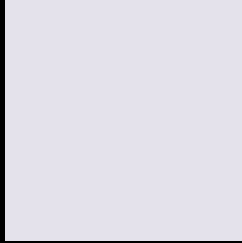
Large Text (above 18pt) WCAG AA × Fail

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 87.6840, -2.4238, 0.8423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

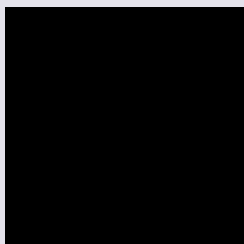
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

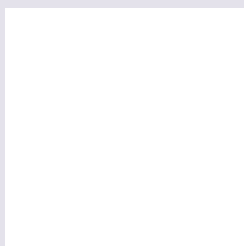
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.6840, -2.4238, 0.8423 Background



This preview shows how black text looks on a background with the HunterLab color 87.6840, -2.4238, 0.8423.



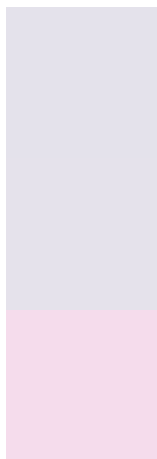
This preview shows how white text looks on a background with the HunterLab color 87.6840, -2.4238,

0.8423.

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

87.6840, -2.4238, 0.8423

Protanopia

87.7775, -2.1012, 0.9622

Deuteranopia

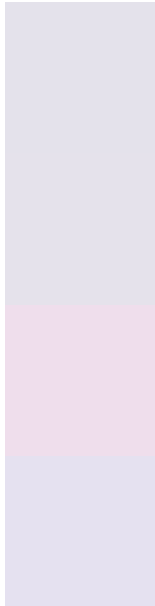
87.5528, 6.6010, 0.3254



Tritanopia

87.7380, -0.1101, -3.2388

Trichromacy



Original Color

87.6840, -2.4238, 0.8423

Protanomaly

87.7775, -2.1012, 0.9622

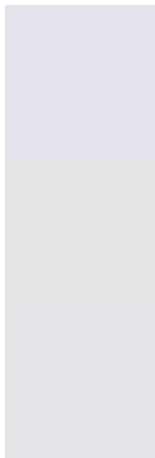
Deuteranomaly

87.5496, 3.4899, 0.2670

Tritanomaly

87.6354, -0.6668, -1.7848

Monochromacy



Original Color

87.6840, -2.4238, 0.8423

Achromatopsia

88.0808, -4.6998, 4.7856

Achromatomaly

87.8645, -3.6570, 3.0627

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.6840, -2.4238, 0.8423 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(228, 226, 235)` looks like.

```
.text, #text, p{  
    color:rgb(228, 226, 235)  
}
```

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(228, 226, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 226, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 87.6840, -2.4238, 0.8423 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(228, 226, 235) }
```


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

```
.border{ border-color:rgb(228, 226, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 226, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 226, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 226, 235);  
box-shadow:4px 4px 4px 4px rgb(228, 226,  
235) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.6840, -2.4238, 0.8423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 226, 235) }
```

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

```
.background{ background-color: rgb(228,  
226, 235) }
```

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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