

Converting Colors

HunterLab(86.7705, -6.8298,
10.8318)

Have a look what the booklet for
HunterLab(86.7705, -6.8298,
10.8318) contains.

HunterLab(86.7842, -6.9811, 10.7997)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(86.7842, -6.9811,
10.7997)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E2D4
RGB	226, 226, 212
RGB Percent	89%, 89%, 83%
CMY	0.1137, 0.1137, 0.1686
CMYK	0.00, 0.00, 0.06, 0.11
HSL	60°, 19%, 86%
HSV	60°, 6%, 89%
XYZ	70.4441, 75.3150, 73.1119
YIQ	224.4040, 4.4940, -4.3540

Conversions

Conversions Part 2

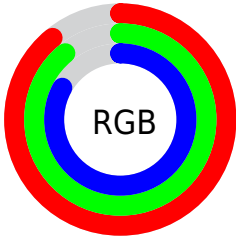
Format	Color
R _Y B	212, 226, 212
Decimal	14869204
CIE Lab	89.54, -2.43, 6.83
CIE LCh	90, 7.252, 109.586
Yxy	75.3182, 0.3219, 0.3441
Android (android.graphics.Color)	4293059284 (0xFFE2E2D4)
YUV	224.4040, -6.1152, 1.3997
Hunter-Lab	86.7842, -6.9811, 10.7997

Details

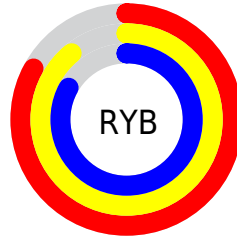
The HunterLab color $86.7842, -6.9811, 10.7997$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81.5948, -1.8516, -2.0398$, and the grayscale version is $86.5387, -4.6175, 4.7018$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $63.4177, -5.5904, 9.1577$ is the 20% darker color. If you saturate the color by 10%, you get $86.1714, -10.3783, 19.6340$, and if you desaturate by 10%, it is $87.4877, -3.1374, 0.7935$.

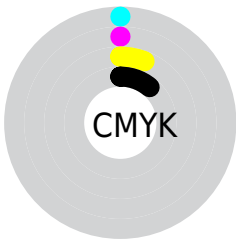
Distribution



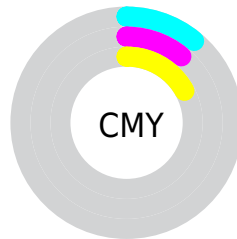
- Red (89%)
- Green (89%)
- Blue (83%)



- Red (83%)
- Yellow (89%)
- Blue (83%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.7842, -6.9811, 10.7997 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 86.7842, -6.9811, 10.7997 by changing the saturation by 10% instead.

■ 86.7842, -6.9811,
10.7997

■ 86.7842, -6.9811,
10.7997

218.8631,
-14.8935, 20.3306

■ 74.7487, -6.2251,
9.8277

112.5890, -8.5764,
12.7966

■ 63.3258, -5.4935,
8.8695

126.3058, -9.4101,
13.8200

■ 52.5526, -4.7891,
7.9246

140.5384,
-10.2676, 14.8610

■ 42.4709, -4.1126,
6.9905

155.2687,
-11.1483, 15.9196

■ 33.1317, -3.4647,
6.0628

170.4805,
-12.0518, 16.9959

■ 24.5997, -2.8454,
5.1344

186.1590,

■ 16.9599, -2.2541,

-12.9775, 18.0899

4.1923

202.2907,
-13.9249, 19.2015

■ 10.3322, -1.6876,
3.3735

0.0000, NaN, NaN

■ 86.7842, -6.9811,
10.7997

■ 86.7842, -6.9811,
10.7997

■ 86.1714, -10.3783,
19.6340

■ 87.4877, -3.1374,
0.7935

■ 85.6417, -13.3235,
27.2956

■ 88.1969, 0.7184,
-9.2405

■ 85.1945, -15.8248,
33.8008

■ 88.1976, 0.7206,
-9.2396

■ 84.8265, -17.8927,
39.1778

■ 88.1982, 0.7228,
-9.2387

■ 84.5339, -19.5434,
43.4681

■ 88.1989, 0.7250,
-9.2378

■ 84.3120, -20.7987,
46.7291

■ 88.1995, 0.7272,
-9.2369

■ 84.1553, -21.6871,
49.0351

■ 88.2002, 0.7294,
-9.2360

■ 84.0569, -22.2456,
50.4820

■ 88.2008, 0.7317,
-9.2351

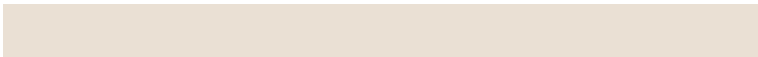
■ 84.0079, -22.5229,
51.1967

■ 88.2014, 0.7339,
-9.2342

Harmonies

Analogous

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



86.7861, -3.3588, 11.0574



86.7842, -6.9811, 10.7997



86.7861, -9.9319, 8.9555

Triad

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



86.7861, -6.9833, 10.8010



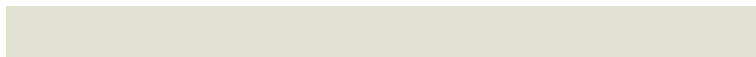
86.7861, -9.1535, -0.5325



86.7861, 2.3995, 3.5044

Complementary

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



86.7842, -6.9811, 10.7997



81.5948, -1.8516, -2.0398

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.



86.7861, 0.7914, 0.2681



86.7842, -6.9811, 10.7997



86.7861, -5.9045, -2.1258

Square

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



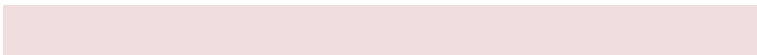
86.7861, -6.9833, 10.8010



86.7861, -11.1705, 2.4484



86.7861, -2.2622, -1.8269



86.7861, 2.0991, 6.9396

Rectangle

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



86.7842, -6.9811, 10.7997



86.7861, -11.1367, 7.0281



86.7861, -2.2622, -1.8269



86.7861, 2.0632, 2.3549

Sweetspot

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



86.7861, -6.9833, 10.8010



99.8376, -6.2256, 7.7488



82.4688, 0.2512, 6.0397



46.1931, -2.8601, 3.5324

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.7861, -6.9833, 10.8010



99.4496, -8.3586, 13.2990



86.1452, -9.2385, 10.0500



40.0924, -3.4545, 5.5806



63.4421, -17.0600, 38.7940



16.7030, -4.4907, 10.2137

Inverse Universe

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



81.5948, -1.8516, -2.0398



92.6858, -1.6707, -3.4361



82.2434, 0.3758, -1.1888



37.1705, -0.5648, -1.6503



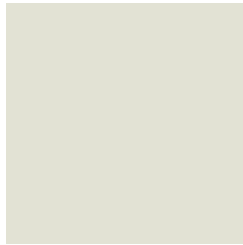
17.7002, 48.0097, -125.7517



4.6608, 12.6404, -33.1009

Previews

White Background



This preview shows how the HunterLab color 86.7842, -6.9811, 10.7997 looks on a white background.

Color Contrast Check

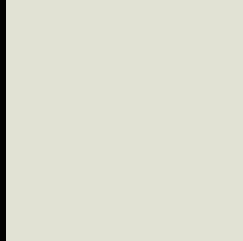
Large Text (above 18pt) WCAG AA × Fail

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 86.7842, -6.9811, 10.7997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

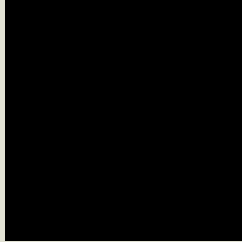
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

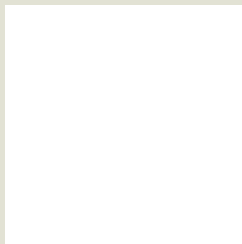
Any Text WCAG AAA ✓ Pass

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

HunterLab 86.7842, -6.9811, 10.7997 Background



This preview shows how black text looks on a background with the HunterLab color 86.7842, -6.9811, 10.7997.



This preview shows how white text looks on a background with the HunterLab color 86.7842, -6.9811,

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

86.7842, -6.9811, 10.7997

Protanopia

86.7008, -4.1260, 11.2083

Deuteranopia

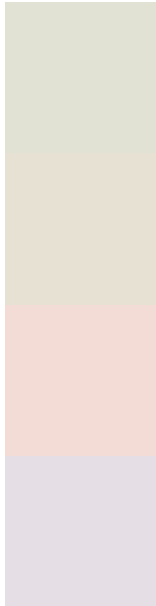
86.5968, 6.6260, 9.9191



Tritanopia

86.7742, 1.0558, -2.3083

Trichromacy



Original Color

86.7842, -6.9811, 10.7997

Protanomaly

86.8197, -5.3093, 11.3186

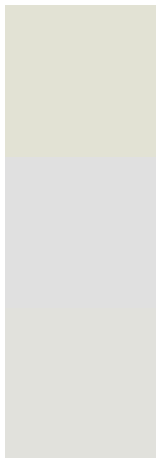
Deuteranomaly

86.5261, 1.6950, 10.2111

Tritanomaly

86.6548, -1.5954, 2.6488

Monochromacy



Original Color

86.7842, -6.9811, 10.7997

Achromatopsia

86.3368, -4.6067, 4.6908

Achromatomaly

86.6171, -5.4804, 6.9291

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.7842, -6.9811, 10.7997 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, 226, 212)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 212)  
}
```

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, 226, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 86.7842, -6.9811, 10.7997 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, 226, 212) }
```


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

```
.border{ border-color:rgb(226, 226, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 226, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 226, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 226, 212);  
box-shadow:4px 4px 4px 4px rgb(226, 226,  
212) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.7842, -6.9811, 10.7997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 226, 212) }
```

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

```
.background{ background-color: rgb(226,  
226, 212) }
```

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