

Converting Colors

HunterLab(87.3857, -5.9550,
8.1434)

Have a look what the booklet for
HunterLab(87.3857, -5.9550, 8.1434)
contains.

HunterLab(87.3977, -6.0291, 8.2840)	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(87.3977, -6.0291,
8.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E3DB
RGB	227, 227, 219
RGB Percent	89%, 89%, 86%
CMY	0.1098, 0.1098, 0.1412
CMYK	0.00, 0.00, 0.04, 0.11
HSL	60°, 13%, 87%
HSV	60°, 4%, 89%
XYZ	71.9339, 76.3836, 77.9701
YIQ	226.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

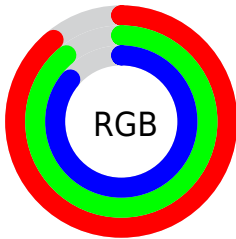
Format	Color
R_{YB}	219, 227, 219
Decimal	14935003
CIE Lab	90.04, -1.40, 3.89
CIE LCh	90, 4.139, 109.844
Yxy	76.3869, 0.3179, 0.3376
Android (android.graphics.Color)	4293125083 (0xFFE3E3DB)
YUV	226.0880, -3.4944, 0.7998
Hunter-Lab	87.3977, -6.0291, 8.2840

Details

The HunterLab color $87.3977, -6.0291, 8.2840$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84.4223, -3.0886, 0.9253$, and the grayscale version is $87.2621, -4.6561, 4.7411$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $63.9969, -4.7036, 6.8135$ is the 20% darker color. If you saturate the color by 10%, you get $86.7581, -9.5666, 17.4795$, and if you desaturate by 10%, it is $88.1290, -2.0430, -2.0887$.

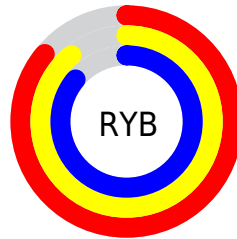
Distribution



Red (89%)

Green (89%)

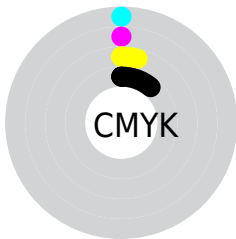
Blue (86%)



Red (86%)

Yellow (89%)

Blue (86%)

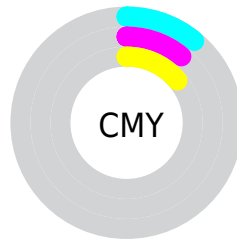


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.3977, -6.0291, 8.2840 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 87.3977, -6.0291, 8.2840 by changing the saturation by 10% instead.

■ 87.3977, -6.0291,
8.2840

■ 87.3977, -6.0291,
8.2840

219.6978,
-13.5903, 16.8030

■ 75.3325, -5.3204,
7.4505

113.2580, -7.5361,
10.0243

■ 63.8783, -4.6388,
6.6391

127.0008, -8.3283,
10.9279

■ 53.0719, -3.9875,
5.8511

141.2586, -9.1458,
11.8537

■ 42.9547, -3.3680,
5.0863

156.0132, -9.9880,
12.8013

■ 33.5772, -2.7816,
4.3436

171.2485,
-10.8542, 13.7704

■ 25.0033, -2.2300,
3.6213

186.9498,

■ 17.3167, -1.7148,

-11.7437, 14.7607

2.9148

203.1037,
-12.6559, 15.7717

■ 10.6351, -1.2371,
2.2158

■ 0.6543, -1.1449,
0.4580

■ 87.3977, -6.0291,
8.2840

■ 87.3977, -6.0291,
8.2840

■ 86.7581, -9.5666,
17.4795

■ 88.1290, -2.0430,
-2.0887

■ 86.2026, -12.6491,
25.4939

■ 88.5980, 0.5037,
-8.7092

■ 85.7308, -15.2832,
32.3405

■ 88.5991, 0.5074,
-8.7077

■ 85.3396, -17.4782,
38.0437

■ 88.6002, 0.5110,
-8.7062

■ 85.0253, -19.2489,
42.6417

■ 88.6013, 0.5147,
-8.7047

■ 84.7834, -20.6155,
46.1878

■ 88.6023, 0.5184,
-8.7032

■ 84.6087, -21.6049,
48.7520

■ 88.6034, 0.5221,
-8.7017

■ 84.4945, -22.2518,
50.4243

■ 88.6045, 0.5258,
-8.7002

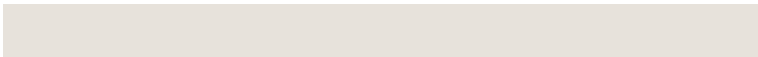
■ 84.4327, -22.6011,
51.3219

■ 88.6056, 0.5294,
-8.6987

Harmonies

Analogous

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



87.3996, -3.9567, 8.4456



87.3977, -6.0291, 8.2840



87.3996, -7.7254, 7.1924

Triad

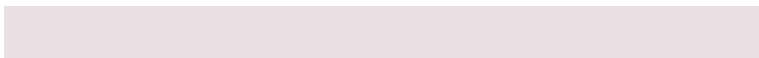
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.3996, -6.0312, 8.2853



87.3996, -7.2505, 1.7779



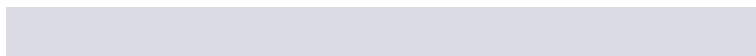
87.3996, -0.6678, 4.0791

Complementary

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



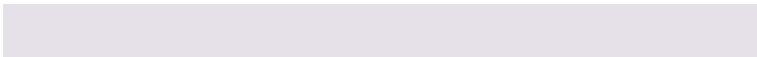
87.3977, -6.0291, 8.2840



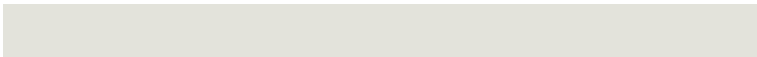
84.4223, -3.0886, 0.9253

Split Complementary

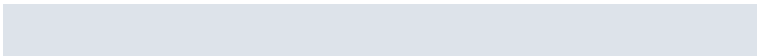
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.3996, -1.5682, 2.2502



87.3977, -6.0291, 8.2840



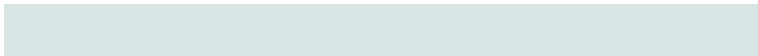
87.3996, -5.3772, 0.9011

Square

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



87.3996, -6.0312, 8.2853



87.3996, -8.4247, 3.4467



87.3996, -3.2966, 1.0760



87.3996, -0.8470, 6.0481

Rectangle

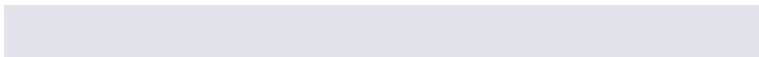
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.3977, -6.0291, 8.2840



87.3996, -8.4173, 6.0674



87.3996, -3.2966, 1.0760



87.3996, -0.8546, 3.4268

Sweetspot

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



87.3996, -6.0312, 8.2853



99.9183, -5.7835, 6.5977



84.9178, -1.8870, 5.4999



46.2286, -2.6655, 3.0259

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.3996, -6.0312, 8.2853



99.6792, -7.0952, 10.0096



87.0312, -7.3211, 7.8433



41.1541, -3.0547, 4.4567



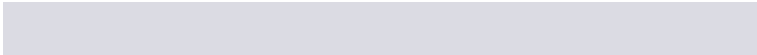
64.4619, -17.3476, 39.4174



17.5236, -4.7144, 10.7154

Inverse Universe

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



84.4223, -3.0886, 0.9253



95.8026, -3.2634, 0.4254



84.7932, -1.8076, 1.3995



39.2736, -1.1956, -0.1932



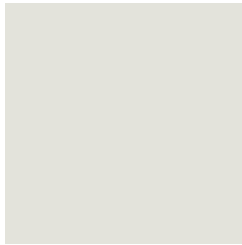
17.9863, 48.7845, -127.7746



4.8907, 13.2625, -34.7233

Previews

White Background



This preview shows how the HunterLab color 87.3977, -6.0291, 8.2840 looks on a white background.

Color Contrast Check

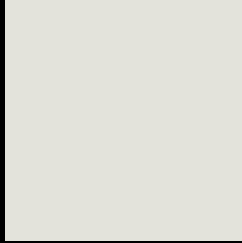
Large Text (above 18pt) WCAG AA × Fail

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 87.3977, -6.0291, 8.2840 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

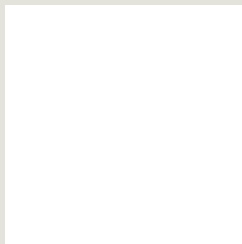
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.3977, -6.0291, 8.2840 Background



This preview shows how black text looks on a background with the HunterLab color 87.3977, -6.0291, 8.2840.



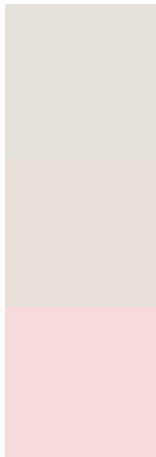
This preview shows how white text looks on a background with the HunterLab color 87.3977, -6.0291, 8.2840.

8.2840.

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

87.3977, -6.0291, 8.2840

Protanopia

87.2171, -3.5158, 8.5904

Deuteranopia

87.2969, 6.3260, 7.4425



Tritanopia

87.4558, 0.3684, -2.5214

Trichromacy



Original Color

87.3977, -6.0291, 8.2840

Protanomaly

87.3371, -4.6959, 8.7057

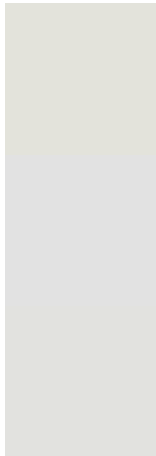
Deuteranomaly

87.3425, 1.7703, 7.8879

Tritanomaly

87.4023, -1.9350, 1.5279

Monochromacy



Original Color

87.3977, -6.0291, 8.2840

Achromatopsia

87.2081, -4.6532, 4.7382

Achromatomaly

87.1144, -5.1666, 6.0750

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.3977, -6.0291, 8.2840 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(227, 227, 219)` looks like.

```
.text, #text, p{  
    color:rgb(227, 227, 219)  
}
```

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(227, 227, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 227, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 87.3977, -6.0291, 8.2840 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(227, 227, 219) }
```


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

```
.border{ border-color:rgb(227, 227, 219) }
```

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

Here you see how a box with a 4 pixel rgb(227, 227, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 227, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 227, 219);  
box-shadow:4px 4px 4px 4px rgb(227, 227,  
219) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.3977, -6.0291, 8.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 227, 219) }
```

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

```
.background{ background-color: rgb(227,  
227, 219) }
```

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