

# Converting Colors

HunterLab(87.3537, -4.5057,  
6.3710)

Have a look what the booklet for  
HunterLab(87.3537, -4.5057, 6.3710)  
contains.

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# Color

**HunterLab(87.3009, -4.5176,  
6.3028)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4E2DF
RGB	228, 226, 223
RGB Percent	89%, 89%, 87%
CMY	0.1059, 0.1137, 0.1255
CMYK	0.00, 0.01, 0.02, 0.11
HSL	36°, 8%, 88%
HSV	36°, 2%, 89%
XYZ	72.5106, 76.2145, 80.7012
YIQ	226.2560, 2.1550, -0.5090

# Conversions

## Conversions Part 2

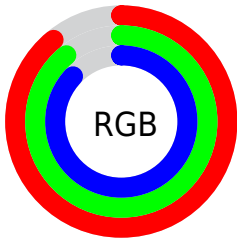
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 228, 223
Decimal	15000287
CIE Lab	89.96, 0.15, 1.69
CIE LCh	90, 1.699, 85.031
Yxy	76.2178, 0.3161, 0.3322
Android (android.graphics.Color)	4293190367 (0xFFE4E2DF)
YUV	226.2560, -1.6052, 1.5295
Hunter-Lab	87.3009, -4.5176, 6.3028

# Details

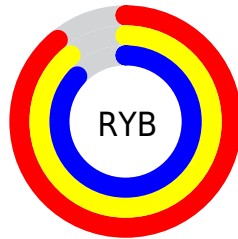
The HunterLab color  $87.3009, -4.5176, 6.3028$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $86.6827, -4.7471, 3.1256$ , and the grayscale version is  $87.3275, -4.6596, 4.7447$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $63.9040, -3.2740, 4.9490$  is the 20% darker color. If you saturate the color by 10%, you get  $83.8153, -3.4930, 12.8438$ , and if you desaturate by 10%, it is  $90.8922, -5.2151, -0.8541$ .

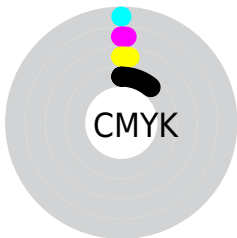
# Distribution



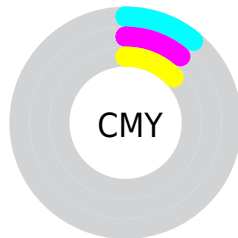
- Red (89%)
- Green (89%)
- Blue (87%)



- Red (89%)
- Yellow (89%)
- Blue (87%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.3009, -4.5176, 6.3028 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 87.3009, -4.5176, 6.3028 by changing the saturation by 10% instead.



■ 87.3009, -4.5176,  
6.3028

■ 87.3009, -4.5176,  
6.3028

219.5661,  
-11.5325, 14.0713

■ 75.2403, -3.8824,  
5.5711

113.1524, -5.8874,  
7.8539

■ 63.7911, -3.2781,  
4.8672

126.8912, -6.6152,  
8.6687

■ 52.9899, -2.7090,  
4.1937

141.1450, -7.3706,  
9.5091

■ 42.8783, -2.1772,  
3.5516

155.8958, -8.1528,  
10.3744

■ 33.5069, -1.6855,  
2.9424

171.1274, -8.9609,  
11.2638

■ 24.9395, -1.2377,  
2.3674

186.8251, -9.7940,

■ 17.2603, -0.8384,

12.1769

1.8274

202.9755,  
-10.6514, 13.1128

■ 10.5871, -0.4945,  
1.3227

0.0000, NaN, NaN

■ 87.3009, -4.5176,  
6.3028

■ 87.3009, -4.5176,  
6.3028

■ 83.8153, -3.4930,  
12.8438

■ 90.8922, -5.2151,  
-0.8541

■ 80.4363, -2.1135,  
18.7128

■ 94.0964, -8.2449,  
-1.7748

■ 77.1730, -0.3607,  
23.8576

■ 97.0366, -12.9610,  
1.7606

■ 74.0326, 1.7838,  
28.2242

■ 97.5880, -13.8309,  
2.4118

■ 71.0226, 4.3343,  
31.7615

■ 68.1505, 7.2990,  
34.4254

■ 65.4233, 10.6768,  
36.1853

■ 62.8468, 14.4534,  
37.0341

■ 60.4246, 18.5946,  
37.0058

# Harmonies

## Analogous

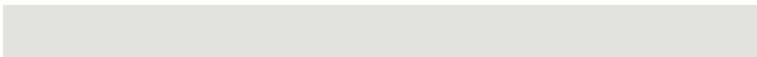
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3028, -3.7135, 6.0309



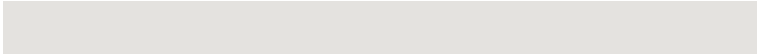
87.3009, -4.5176, 6.3028



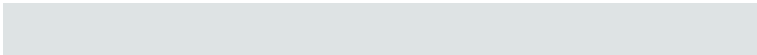
87.3028, -5.3612, 6.1649

# Triad

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



87.3028, -4.5197, 6.3042



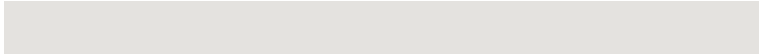
87.3028, -6.1556, 4.0842



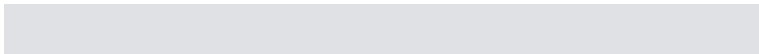
87.3028, -3.3042, 3.8461

# Complementary

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



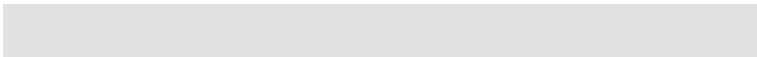
87.3009, -4.5176, 6.3028



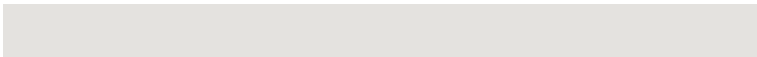
86.6827, -4.7471, 3.1256

# Split Complementary

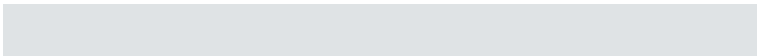
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.3028, -3.9624, 3.3153



87.3009, -4.5176, 6.3028



87.3028, -5.6083, 3.4537

# Square

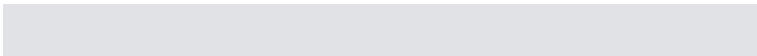
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



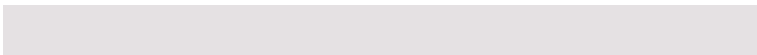
87.3028, -4.5197, 6.3042



87.3028, -6.3036, 4.8882



87.3028, -4.8061, 3.1710



87.3028, -3.0101, 4.6158



# Rectangle

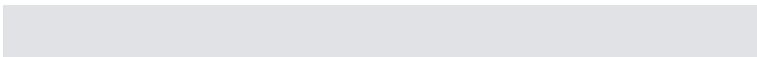
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.3009, -4.5176, 6.3028



87.3028, -5.8293, 5.8561



87.3028, -4.8061, 3.1710



87.3028, -3.4904, 3.6335

# Sweetspot

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



87.3028, -4.5197, 6.3042



99.5937, -5.2442, 6.2284



86.4331, -2.6179, 4.3490



46.0859, -2.4283, 2.8634

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

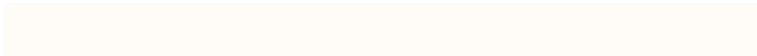


# Same Dimension

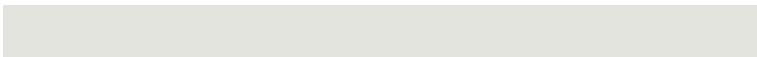
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.3028, -4.5197, 6.3042



98.7846, -5.0496, 7.7976



87.8794, -5.7146, 6.9497



40.6806, -2.0538, 3.4645



44.8226, 16.1745, 27.9026

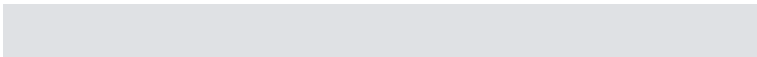


12.9041, 2.9521, 8.0031

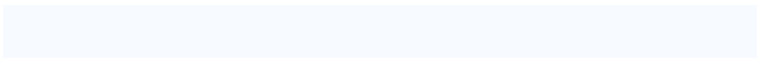


# Inverse Universe

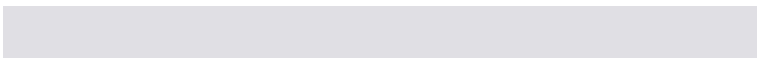
The Inverse Universe completely reimagines the original color for something new.



86.6827, -4.7471, 3.1256



97.8163, -5.4046, 2.8342



86.1078, -3.5522, 2.4571



40.1796, -2.2374, 0.8963



27.8810, 17.5075, -72.6426

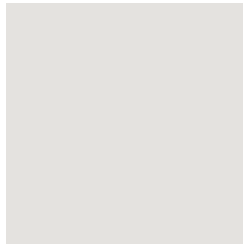


8.6723, 2.4028, -16.0266



# Previews

## White Background



This preview shows how the HunterLab color 87.3009, -4.5176, 6.3028 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

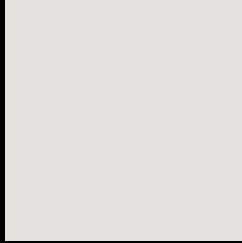
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.3009, -4.5176, 6.3028 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

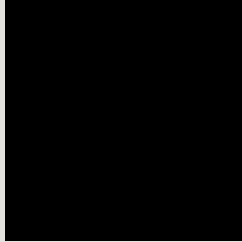
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

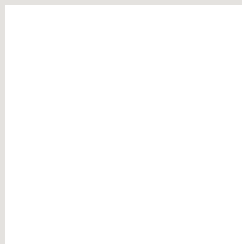
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.3009, -4.5176, 6.3028 Background



This preview shows how black text looks on a background with the HunterLab color 87.3009, -4.5176, 6.3028.



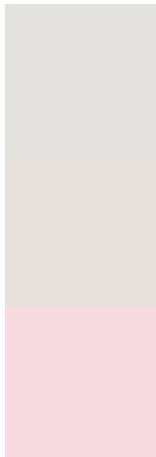
This preview shows how white text looks on a background with the HunterLab color 87.3009, -4.5176,

6.3028.

# 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

87.3009, -4.5176, 6.3028

### Protanopia

87.2429, -3.1833, 6.7379

### Deuteranopia

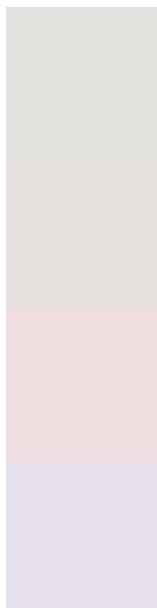
87.1787, 6.1147, 5.8650



## Tritanopia

87.2440, 1.2218, -2.7740

# Trichromacy



## Original Color

87.3009, -4.5176, 6.3028

## Protanomaly

87.1478, -3.5128, 6.6222

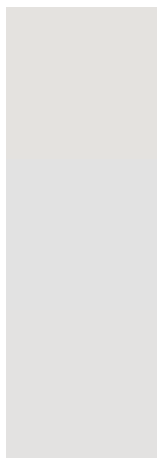
## Deuteranomaly

87.3643, 2.0899, 6.0108

## Tritanomaly

87.2209, -0.9068, 0.8148

# Monochromacy



## Original Color

87.3009, -4.5176, 6.3028

## Achromatopsia

87.2081, -4.6532, 4.7382

## Achromatomaly

87.2696, -4.5019, 5.3006

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.3009, -4.5176, 6.3028 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(228, 226, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 226, 223) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.3009, -4.5176, 6.3028 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, 223) }
```



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

```
.border{ border-color:rgb(228, 226, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 226, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 226, 223);  
box-shadow:4px 4px 4px 4px rgb(228, 226,  
223) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.3009, -4.5176, 6.3028 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, 223) }
```

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

```
.background{ background-color: rgb(228,  
226, 223) }
```

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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