

# Converting Colors

HunterLab(87.8935, -6.0998,  
9.3090)

Have a look what the booklet for  
HunterLab(87.8935, -6.0998, 9.3090)  
contains.

<b>HunterLab(87.8674, -6.0569, 9.2804)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(87.8674, -6.0569,  
9.2804)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5E4DA
RGB	229, 228, 218
RGB Percent	90%, 89%, 85%
CMY	0.1020, 0.1059, 0.1451
CMYK	0.00, 0.00, 0.05, 0.10
HSL	55°, 17%, 88%
HSV	55°, 5%, 90%
XYZ	72.7114, 77.2068, 77.3998
YIQ	227.1590, 3.8060, -2.8980

# Conversions

## Conversions Part 2

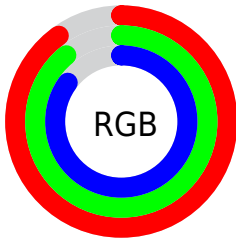
Format	Color
<a href="#">RYB</a>	<a href="#">219, 229, 218</a>
Decimal	<a href="#">15066330</a>
CIELab	<a href="#">90.42, -1.41, 4.98</a>
CIELCh	<a href="#">90, 5.179, 105.743</a>
Yxy	<a href="#">77.2101, 0.3199, 0.3396</a>
Android (android.graphics.Color)	<a href="#">4293256410 (0xFFE5E4DA)</a>
YUV	<a href="#">227.1590, -4.5154, 1.6146</a>
Hunter-Lab	<a href="#">87.8674, -6.0569, 9.2804</a>

# Details

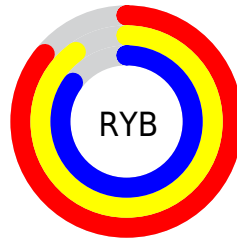
The HunterLab color  $87.8674, -6.0569, 9.2804$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $84.3946, -3.0461, -0.1283$ , and the grayscale version is  $87.7332, -4.6812, 4.7667$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $64.4439, -4.7249, 7.7481$  is the 20% darker color. If you saturate the color by 10%, you get  $86.5789, -8.5270, 17.8025$ , and if you desaturate by 10%, it is  $89.2416, -3.1689, -0.3030$ .

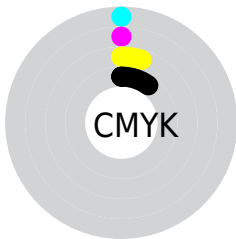
# Distribution



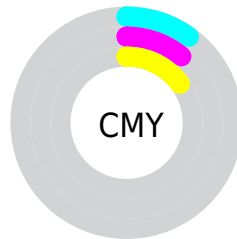
- Red (90%)
- Green (89%)
- Blue (85%)



- Red (86%)
- Yellow (90%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (10%)



- Cyan (10%)
- Magenta (11%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.8674, -6.0569, 9.2804 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 87.8674, -6.0569, 9.2804 by changing the saturation by 10% instead.



■ 87.8674, -6.0569,  
9.2804

■ 87.8674, -6.0569,  
9.2804

220.3362,  
-13.6266, 18.1825

■ 75.7795, -5.3472,  
8.3949

113.7700, -7.5660,  
11.1174

■ 64.3015, -4.6644,  
7.5285

127.5328, -8.3592,  
12.0663

■ 53.4698, -4.0119,  
6.6819

141.8097, -9.1777,  
13.0357

■ 43.3256, -3.3911,  
5.8541

156.5828,  
-10.0208, 14.0253

■ 33.9190, -2.8035,  
5.0430

171.8361,  
-10.8879, 15.0351

■ 25.3131, -2.2505,  
4.2450

187.5548,

■ 17.5910, -1.7339,

-11.7783, 16.0647

3.4531

203.7256,  
-12.6914, 17.1140

■ 10.8685, -1.2547,  
2.6583

■ 2.1518, -2.9605,  
1.5063

■ 87.8674, -6.0569,  
9.2804

■ 87.8674, -6.0569,  
9.2804

■ 86.5789, -8.5270,  
17.8025

■ 89.2416, -3.1689,  
-0.3030

■ 85.3701, -10.5678,  
25.2428

■ 90.3752, -1.6047,  
-6.4061

■ 84.2420, -12.1806,  
31.5956

■ 91.0229, -2.7002,  
-5.5844

■ 83.1933, -13.3686,  
36.8651

■ 91.6736, -3.7930,  
-4.7652

82.2219, -14.1405,  
41.0687

92.3272, -4.8831,  
-3.9484

81.3247, -14.5107,  
44.2395

92.9837, -5.9705,  
-3.1340

80.4976, -14.5010,  
46.4293

93.6430, -7.0552,  
-2.3219

79.7352, -14.1420,  
47.7140

94.3052, -8.1373,  
-1.5123

79.0298, -13.4770,  
48.2033

94.9701, -9.2167,  
-0.7050

# Harmonies

## Analogous

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



87.8693, -3.4462, 9.3123



87.8674, -6.0569, 9.2804



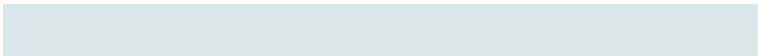
87.8693, -8.2806, 8.0695

# Triad

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



87.8693, -6.0591, 9.2817



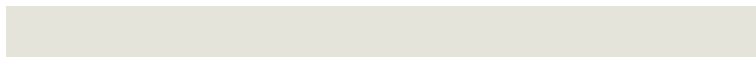
87.8693, -8.1894, 1.2726



87.8693, 0.2545, 3.5918

# Complementary

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



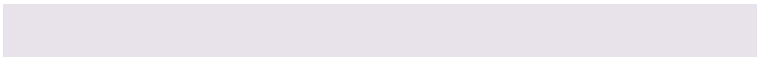
87.8674, -6.0569, 9.2804



84.3946, -3.0461, -0.1283

# 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.



87.8693, -1.0473, 1.3643



87.8674, -6.0569, 9.2804



87.8693, -5.9332, -0.0011

# Square

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



87.8693, -6.0591, 9.2817



87.8693, -9.5006, 3.4696



87.8693, -3.3189, 0.0330



87.8693, 0.2199, 6.0763



# Rectangle

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



87.8674, -6.0569, 9.2804



87.8693, -9.2497, 6.7335



87.8693, -3.3189, 0.0330



87.8693, -0.0420, 2.7866

# Sweetspot

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



87.8693, -6.0591, 9.2817



99.8447, -5.6609, 6.5141



84.8067, -0.6874, 5.3429



46.1963, -2.6116, 2.9891

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.8693, -6.0591, 9.2817



99.0823, -7.2145, 11.7372



87.7752, -7.9967, 9.1419



40.8941, -3.0515, 5.0910



59.5698, -9.9905, 36.5317



16.3948, -3.0257, 10.0494



# Inverse Universe

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



84.3946, -3.0461, -0.1283



94.1561, -2.9414, -1.6073



84.4949, -1.1236, 0.0290



38.6636, -1.1163, -0.9523



18.9993, 44.4843, -119.7763

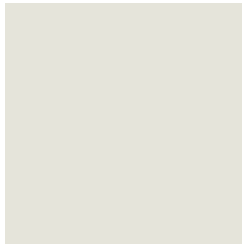


5.8244, 9.6559, -28.1243



# Previews

## White Background



This preview shows how the HunterLab color 87.8674, -6.0569, 9.2804 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

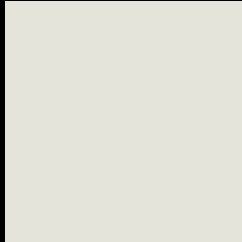
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.8674, -6.0569, 9.2804 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

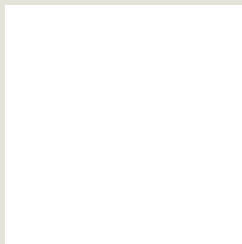
Any Text WCAG AAA ✓ Pass

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

# HunterLab 87.8674, -6.0569, 9.2804 Background



This preview shows how black text looks on a background with the HunterLab color 87.8674, -6.0569, 9.2804.



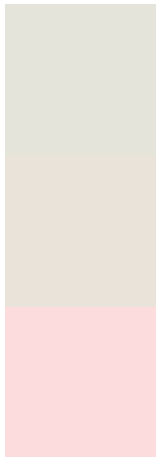
This preview shows how white text looks on a background with the HunterLab color 87.8674, -6.0569,

9.2804.

# 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

87.8674, -6.0569, 9.2804

### Protanopia

88.0002, -4.0502, 9.9258

### Deuteranopia

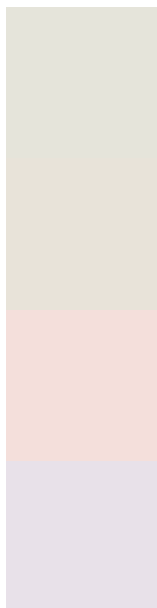
87.7776, 6.3405, 8.4639



## Tritanopia

87.7757, 1.5290, -2.6288

# Trichromacy



## Original Color

87.8674, -6.0569, 9.2804

## Protanomaly

87.8087, -4.7156, 9.6997

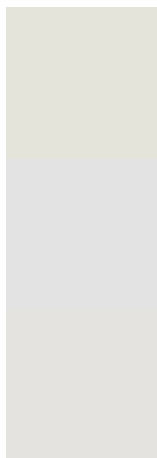
## Deuteranomaly

87.8197, 1.7711, 8.8991

## Tritanomaly

87.6866, -0.9565, 1.8898

# Monochromacy



## Original Color

87.8674, -6.0569, 9.2804

## Achromatopsia

87.6442, -4.6765, 4.7619

## Achromatomaly

87.6436, -4.8661, 6.2136

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.8674, -6.0569, 9.2804 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(229, 228, 218)` looks like.

```
.text, #text, p{  
    color:rgb(229, 228, 218)  
}
```

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(229, 228, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 228, 218) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.8674, -6.0569, 9.2804 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(229, 228, 218) }
```



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

```
.border{ border-color:rgb(229, 228, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 228, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 228, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 228, 218);  
box-shadow:4px 4px 4px 4px rgb(229, 228,  
218) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.8674, -6.0569, 9.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 228, 218) }
```

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

```
.background{ background-color: rgb(229,  
228, 218) }
```

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