

# Converting Colors

HunterLab(87.8396, -0.3859,  
1.5839)

Have a look what the booklet for  
HunterLab(87.8396, -0.3859, 1.5839)  
contains.

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# Color

**HunterLab(87.8149, -0.4508,  
1.5467)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | E9E1EA                    |
| RGB         | 233, 225, 234             |
| RGB Percent | 91%, 88%, 92%             |
| CMY         | 0.0863, 0.1176, 0.0823    |
| CMYK        | 0.00, 0.04, 0.00, 0.08    |
| HSL         | 293°, 18%, 90%            |
| HSV         | 293°, 4%, 92%             |
| XYZ         | 75.3807, 77.1146, 88.7535 |
| YIQ         | 228.4180, 1.8790, 4.4950  |

# Conversions

## Conversions Part 2

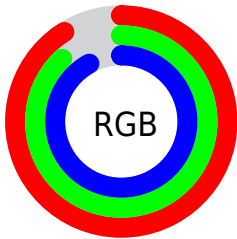
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| R <sub>Y</sub> B                    | 233, 225, 234               |
| Decimal                             | 15327722                    |
| CIE Lab                             | 90.38, 4.31, -3.42          |
| CIE LCh                             | 90, 5.500, 321.536          |
| Yxy                                 | 77.1179, 0.3125,<br>0.3197  |
| Android<br>(android.graphics.Color) | 4293517802<br>(0xFFE9E1EA)  |
| YUV                                 | 228.4180, 2.7519,<br>4.0184 |
| Hunter-Lab                          | 87.8149, -0.4508,<br>1.5467 |

# Details

The HunterLab color  $87.8149, -0.4508, 1.5467$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $89.6954, -8.9450, 8.0239$ , and the grayscale version is  $88.2528, -4.7089, 4.7949$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $64.2736, 0.1143, 0.7534$  is the 20% darker color. If you saturate the color by 10%, you get  $80.5518, 11.1409, -7.4655$ , and if you desaturate by 10%, it is  $95.4411, -11.7824, 10.2464$ .

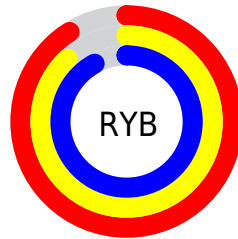
# Distribution



Red (91%)

Green (88%)

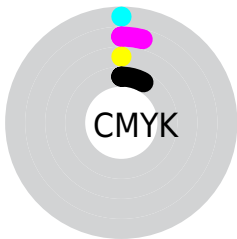
Blue (92%)



Red (91%)

Yellow (88%)

Blue (92%)

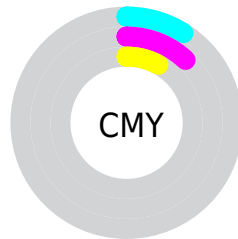


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (8%)



Cyan (9%)

Magenta (12%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.8149, -0.4508, 1.5467 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 87.8149, -0.4508, 1.5467 by changing the saturation by 10% instead.



87.8149, -0.4508,  
1.5467

87.8149, -0.4508,  
1.5467

220.2648, -6.0318,  
7.6356

75.7295, -0.0075,  
1.0400

113.7127, -1.4617,  
2.6773

64.2542, 0.3948,  
0.5727

127.4733, -2.0204,  
3.2942

53.4253, 0.7503,  
0.1496

141.7481, -2.6129,  
3.9437

43.2841, 1.0543,  
-0.2255

156.5192, -3.2375,  
4.6244

33.8807, 1.3009,  
-0.5475

171.7704, -3.8929,  
5.3350

25.2785, 1.4818,  
-0.8096

187.4872, -4.5777,

17.5603, 1.5849,

6.0744

-1.0023

203.6561, -5.2911,  
6.8416

■ 10.8423, 1.5914,  
-1.1113

■ 2.0398, 9.0905,  
-6.8410

■ 87.8149, -0.4508,  
1.5467

■ 87.8149, -0.4508,  
1.5467

■ 80.5518, 11.1409,  
-7.4655

■ 95.4411, -11.7824,  
10.2464

■ 73.7049, 22.9705,  
-16.8000

■ 97.8126, -14.3387,  
12.8354

■ 67.3481, 34.9455,  
-26.4178

■ 98.0445, -13.5116,  
13.1043

■ 61.5679, 46.8707,  
-36.2047

■ 98.2791, -12.6768,  
13.3759

56.4637, 58.3950,  
-45.9245

98.5165, -11.8341,  
13.6501

52.1417, 68.9698,  
-55.1781

98.7566, -10.9838,  
13.9268

48.6986, 77.8674,  
-63.4021

98.9995, -10.1259,  
14.2062

46.1949, 84.3269,  
-69.9683

99.2452, -9.2605,  
14.4881

44.6173, 87.8503,  
-74.4114

99.3582, -8.8630,  
14.6177

# Harmonies

## Analogous

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



87.8168, -2.7136, -0.0975



87.8149, -0.4508, 1.5467



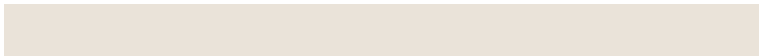
87.8168, 0.6757, 4.0261

# Triad

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



87.8168, -0.4529, 1.5482



87.8168, -3.8999, 9.6765



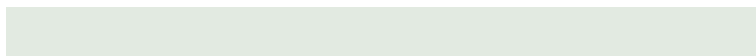
87.8168, -9.6220, 2.8872

# Complementary

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



87.8149, -0.4508, 1.5467



89.6954, -8.9450, 8.0239

# Split Complementary

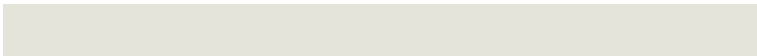
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.8168, -9.9307, 5.5275



87.8149, -0.4508, 1.5467



87.8168, -6.6498, 9.3931

# Square

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



87.8168, -0.4529, 1.5482



87.8168, -1.3306, 8.6805



87.8168, -8.8490, 7.8937



87.8168, -8.0005, 0.6922



# Rectangle

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



87.8149, -0.4508, 1.5467



87.8168, 0.6246, 5.7939



87.8168, -8.8490, 7.8937



87.8168, -9.8819, 3.7540

# Sweetspot

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



87.8168, -0.4529, 1.5482



99.1615, -4.0760, 4.4643



87.3909, -3.5915, 0.9747



45.8958, -1.9147, 2.0876

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.8168, -0.4529, 1.5482



95.8464, 0.9926, 0.5537



87.8011, -0.7302, 3.2613



40.3094, 0.7722, -0.0385



33.0262, 66.6659, -57.0116



9.3848, 18.8649, -15.5871

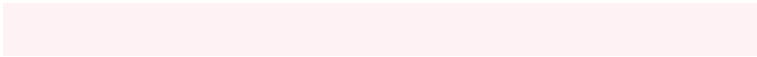


# Inverse Universe

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



87.6569, -1.5143, 5.3175



95.6162, -0.5353, 6.0013



89.7116, -8.6762, 6.4003



40.1994, 0.0418, 2.5716



31.4337, 53.9933, 19.0550

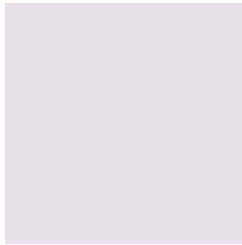


8.8596, 15.3196, 4.5834



# Previews

## White Background



This preview shows how the HunterLab color 87.8149, -0.4508, 1.5467 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

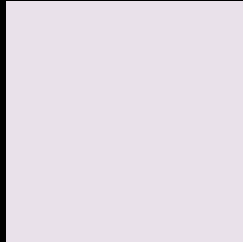
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.8149, -0.4508, 1.5467 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

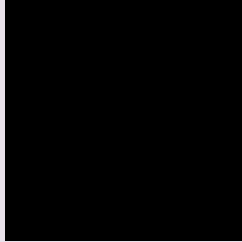
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

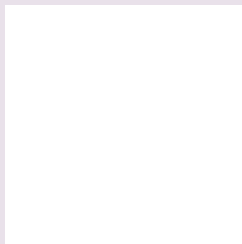
Any Text WCAG AAA ✓ Pass

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

# HunterLab 87.8149, -0.4508, 1.5467 Background



This preview shows how black text looks on a background with the HunterLab color 87.8149, -0.4508, 1.5467.



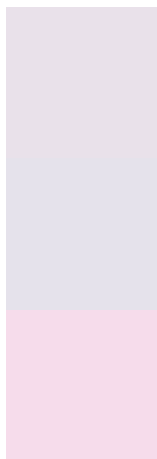
This preview shows how white text looks on a background with the HunterLab color 87.8149, -0.4508,

1.5467.

# 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

87.8149, -0.4508, 1.5467

### Protanopia

87.7775, -2.1012, 0.9622

### Deuteranopia

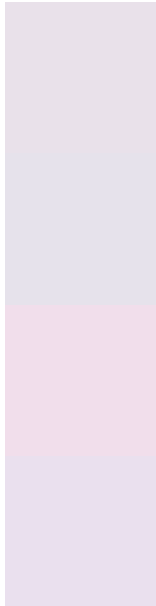
87.6227, 6.7688, 0.9283



## Tritanopia

87.8377, 1.6720, -2.0180

# Trichromacy



## Original Color

87.8149, -0.4508, 1.5467

## Protanomaly

87.8714, -1.7774, 1.0824

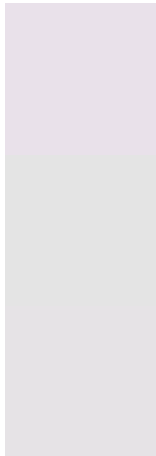
## Deuteranomaly

87.7163, 3.9875, 0.9940

## Tritanomaly

87.7364, 1.1241, -0.5802

# Monochromacy



## Original Color

87.8149, -0.4508, 1.5467

## Achromatopsia

88.0808, -4.6998, 4.7856

## Achromatomaly

88.0195, -3.1841, 3.7538

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.8149, -0.4508, 1.5467 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(233, 225, 234)` looks like.

```
.text, #text, p{  
    color:rgb(233, 225, 234)  
}
```

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(233, 225, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 225, 234) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.8149, -0.4508, 1.5467 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(233, 225, 234) }
```



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

```
.border{ border-color:rgb(233, 225, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 225, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 225, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 225, 234);  
box-shadow:4px 4px 4px 4px rgb(233, 225,  
234) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.8149, -0.4508, 1.5467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 225, 234) }
```

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

```
.background{ background-color: rgb(233,  
225, 234) }
```

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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