

# Converting Colors

HunterLab(85.9080, 3.8942,  
0.3150)

Have a look what the booklet for  
HunterLab(85.9080, 3.8942, 0.3150)  
contains.

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# Color

**HunterLab(85.9080, 3.8942,  
0.3150)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECDAE8
RGB	236, 218, 232
RGB Percent	93%, 85%, 91%
CMY	0.0745, 0.1451, 0.0902
CMYK	0.00, 0.08, 0.02, 0.07
HSL	313°, 32%, 89%
HSV	313°, 8%, 93%
XYZ	74.2289, 73.8018, 86.6768
YIQ	224.9780, 6.2340, 8.1700

# Conversions

## Conversions Part 2

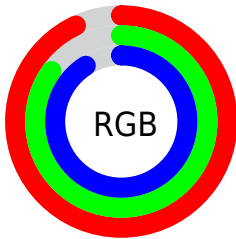
Format	Color
R <sub>Y</sub> B	236, 218, 232
Decimal	15522536
CIE Lab	88.83, 8.60, -4.62
CIE LCh	89, 9.760, 331.767
Yxy	73.8050, 0.3163, 0.3144
Android (android.graphics.Color)	4293712616 (0xFFE0DAE8)
YUV	224.9780, 3.4618, 9.6663
Hunter-Lab	85.9080, 3.8942, 0.3150

# Details

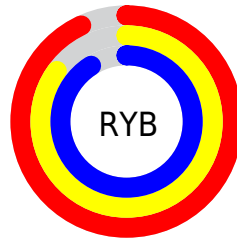
The HunterLab color  $85.9080, 3.8942, 0.3150$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $89.5389, -12.9655, 9.1832$ , and the grayscale version is  $86.7478, -4.6286, 4.7132$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $62.4758, 4.2546, -0.4080$  is the 20% darker color. If you saturate the color by 10%, you get  $78.8225, 15.6129, -5.6881$ , and if you desaturate by 10%, it is  $93.3979, -7.5906, 6.4367$ .

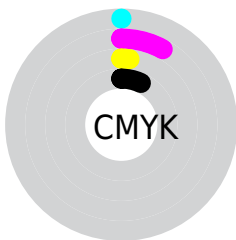
# Distribution



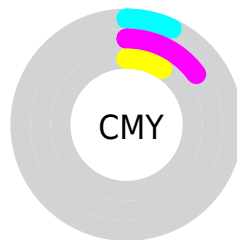
- Red (93%)
- Green (85%)
- Blue (91%)



- Red (93%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (7%)



- Cyan (7%)
- Magenta (15%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.9080, 3.8942, 0.3150 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 85.9080, 3.8942, 0.3150 by changing the saturation by 10% instead.



85.9080, 3.8942,  
0.3150

85.9080, 3.8942,  
0.3150

217.6695, -0.1653,  
5.9740

73.9151, 4.1341,  
-0.1343

111.6331, 3.2638,  
1.3382

62.5373, 4.3227,  
-0.5413

125.3124, 2.8843,  
1.9045

51.8118, 4.4522,  
-0.9008

139.5089, 2.4648,  
2.5051

41.7811, 4.5157,  
-1.2082

154.2044, 2.0074,  
3.1385

32.4970, 4.5039,  
-1.4576

169.3825, 1.5141,  
3.8033

24.0254, 4.4041,  
-1.6410

185.0282, 0.9866,

16.4531, 4.1976,

4.4982

-1.7475

201.1280, 0.4264,  
5.2221

■ 9.9034, 3.8549,  
-1.7606

0.0000, INF, -NF

■ 85.9080, 3.8942,  
0.3150

■ 85.9080, 3.8942,  
0.3150

■ 78.8225, 15.6129,  
-5.6881

■ 93.3979, -7.5906,  
6.4367

■ 72.2032, 27.5082,  
-11.4926

■ 97.8742, -13.6082,  
8.9480

■ 66.1332, 39.4304,  
-16.9630

■ 98.0378, -12.6984,  
6.6093

■ 60.7072, 51.1030,  
-21.8993

■ 98.2059, -11.7659,  
4.2122

■ 56.0300, 62.0758,  
-26.0252

■ 98.2716, -11.4015,  
3.2754

■ 52.2042, 71.7145,  
-29.0049

■ 49.3097, 79.2824,  
-30.5085

■ 47.3721, 84.1554,  
-30.3333

■ 46.3128, 86.1809,  
-28.5656

# Harmonies

## Analogous

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



85.9099, 0.4406, -3.3185



85.9080, 3.8942, 0.3150



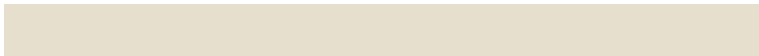
85.9099, 5.0571, 4.9528

# Triad

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



85.9099, 3.8920, 0.3165



85.9099, -4.8795, 13.1807



85.9099, -12.4720, -0.1895

# Complementary

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



85.9080, 3.8942, 0.3150



89.5389, -12.9655, 9.1832

# 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.



85.9099, -13.8266, 4.3989



85.9080, 3.8942, 0.3150



85.9099, -9.5046, 11.9697

# Square

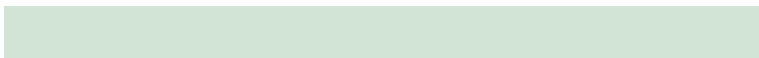
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.9099, 3.8920, 0.3165



85.9099, -0.0747, 12.2214



85.9099, -12.7524, 8.8190



85.9099, -9.0111, -3.6220

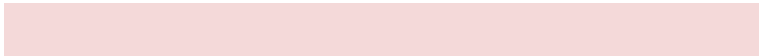


# Rectangle

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



85.9080, 3.8942, 0.3150



85.9099, 4.3601, 7.9418



85.9099, -12.7524, 8.8190



85.9099, -13.1852, 1.2774

# Sweetspot

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



85.9099, 3.8920, 0.3165



98.3444, -2.8267, 4.0878



84.6855, -0.0039, -3.3773



45.5364, -1.3654, 1.9220

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.9099, 3.8920, 0.3165



92.6807, 6.0422, -0.5898



85.6225, 2.3435, 4.4082



39.0552, 2.7840, -0.3683



34.2741, 64.2896, -21.2170



9.6774, 18.2743, -6.9353



# Inverse Universe

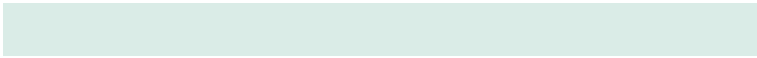
The Inverse Universe completely reimagines the original color for something new.



85.9099, 3.8920, 0.3165



92.6807, 6.0422, -0.5898



89.8120, -11.4468, 5.2803



39.0552, 2.7840, -0.3683



34.2741, 64.2896, -21.2170

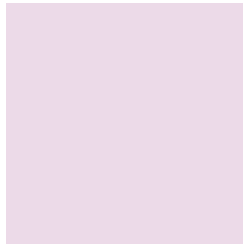


9.6774, 18.2743, -6.9353



# Previews

## White Background



This preview shows how the HunterLab color 85.9080, 3.8942, 0.3150 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

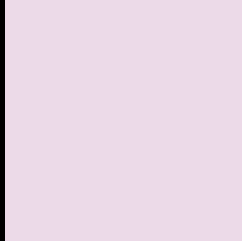
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.9080, 3.8942, 0.3150 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

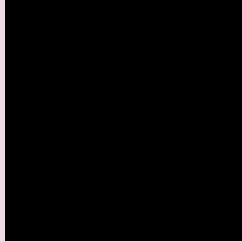
Any Text WCAG AA ✓ Pass

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 85.9080, 3.8942, 0.3150 Background



This preview shows how black text looks on a background with the HunterLab color 85.9080, 3.8942, 0.3150.



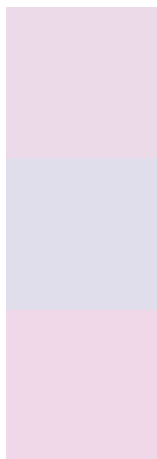
This preview shows how white text looks on a background with the HunterLab color 85.9080, 3.8942,

0.3150.

# 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

85.9080, 3.8942, 0.3150

### Protanopia

86.0409, -1.7961, -0.6536

### Deuteranopia

85.8130, 6.6609, 0.2466



## Tritanopia

86.0080, 4.4320, -1.1060

# Trichromacy



## Original Color

85.9080, 3.8942, 0.3150

## Protanomaly

86.0756, -0.1617, -0.0646

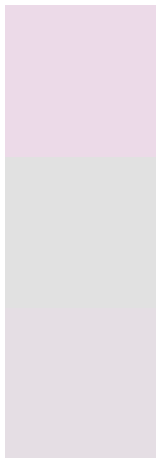
## Deuteranomaly

85.9085, 5.4426, 0.3427

## Tritanomaly

85.9745, 4.2519, -0.6300

# Monochromacy



## Original Color

85.9080, 3.8942, 0.3150

## Achromatopsia

86.7722, -4.6299, 4.7145

## Achromatomaly

86.3145, -1.2475, 2.7467

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.9080, 3.8942, 0.3150 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(236, 218, 232)` looks like.

```
.text, #text, p{  
    color:rgb(236, 218, 232)  
}
```

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(236, 218, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 218, 232) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.9080, 3.8942, 0.3150 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(236, 218, 232) }
```



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

```
.border{ border-color:rgb(236, 218, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 218, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 218, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 218, 232);  
box-shadow:4px 4px 4px 4px rgb(236, 218,  
232) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.9080, 3.8942, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 218, 232) }
```

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

```
.background{ background-color: rgb(236,  
218, 232) }
```

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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