

# Converting Colors

HunterLab(87.2282, -3.2621,  
0.9104)

Have a look what the booklet for  
HunterLab(87.2282, -3.2621, 0.9104)  
contains.

<b>HunterLab(87.0623, -3.0434, 0.5833)</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(87.0623, -3.0434,  
0.5833)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1E1EA
RGB	225, 225, 234
RGB Percent	88%, 88%, 92%
CMY	0.1176, 0.1176, 0.0823
CMYK	0.04, 0.04, 0.00, 0.08
HSL	240°, 18%, 90%
HSV	240°, 4%, 92%
XYZ	72.8278, 75.7984, 88.6340
YIQ	226.0260, -2.8890, 2.7990

# Conversions

## Conversions Part 2

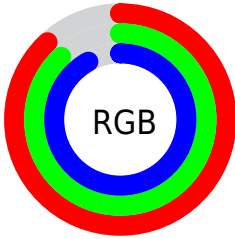
Format	Color
R <sub>Y</sub> B	225, 225, 234
Decimal	14803434
CIE Lab	89.77, 1.65, -4.39
CIE LCh	90, 4.685, 290.558
Yxy	75.8017, 0.3070, 0.3195
Android (android.graphics.Color)	4292993514 (0xFFE1E1EA)
YUV	226.0260, 3.9312, -0.8998
Hunter-Lab	87.0623, -3.0434, 0.5833

# Details

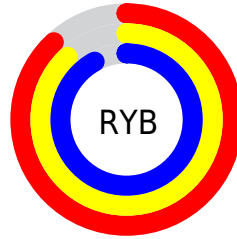
The HunterLab color  $87.0623, -3.0434, 0.5833$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $90.4287, -6.3656, 8.9045$ , and the grayscale version is  $87.2053, -4.6531, 4.7380$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $63.6473, -2.0399, -0.0525$  is the 20% darker color. If you saturate the color by 10%, you get  $77.7830, 1.8714, -11.3735$ , and if you desaturate by 10%, it is  $96.6174, -7.6191, 11.6329$ .

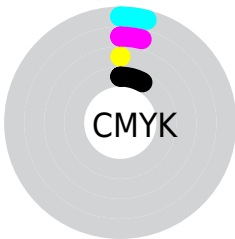
# Distribution



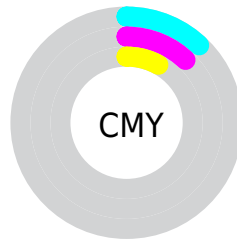
- Red (88%)
- Green (88%)
- Blue (92%)



- Red (88%)
- Yellow (88%)
- Blue (92%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (12%)
- Magenta (12%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0623, -3.0434, 0.5833 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 87.0623, -3.0434, 0.5833 by changing the saturation by 10% instead.



■ 87.0623, -3.0434,  
0.5833

■ 87.0623, -3.0434,  
0.5833

219.2415, -9.5302,  
6.3437

■ 75.0133, -2.4789,  
0.1202

112.8922, -4.2807,  
1.6320

■ 63.5762, -1.9493,  
-0.3013

126.6208, -4.9462,  
2.2103

■ 52.7879, -1.4592,  
-0.6761

140.8649, -5.6416,  
2.8224

■ 42.6901, -1.0119,  
-1.0000

155.6062, -6.3658,  
3.4670

■ 33.3335, -0.6113,  
-1.2672

170.8287, -7.1176,  
4.1425

■ 24.7824, -0.2630,  
-1.4702

186.5175, -7.8962,

■ 17.1214, 0.0254,

4.8479

-1.5985

202.6593, -8.7007,  
5.5819

■ 10.4692, 0.2418,  
-1.6363

0.0000, INF, -NF

■ 87.0623, -3.0434,  
0.5833

■ 87.0623, -3.0434,  
0.5833

■ 77.7830, 1.8714,  
-11.3735

■ 96.6174, -7.6191,  
11.6329

■ 68.8180, 7.2423,  
-24.5334

■ 99.3582, -8.8630,  
14.6177

■ 60.2299, 13.2157,  
-39.2835

■ 52.1051, 19.9807,  
-56.1203

■ 44.5697, 27.7495,  
-75.6033

■ 37.8111, 36.6667,  
-98.1216

■ 32.1019, 46.5308,  
-123.1752

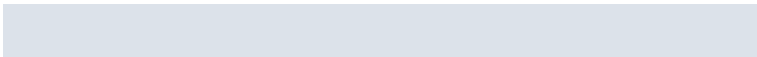
■ 27.7980, 56.2310,  
-147.9169

■ 25.2280, 63.4161,  
-166.2885

# Harmonies

## Analogous

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



87.0642, -5.3960, 0.3567



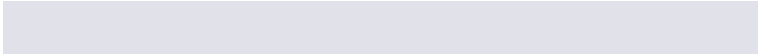
87.0623, -3.0434, 0.5833



87.0642, -1.1055, 1.9419

# Triad

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



87.0642, -3.0454, 0.5848



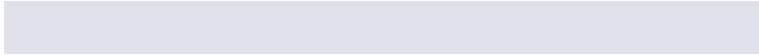
87.0642, -1.7382, 8.0186



87.0642, -9.0969, 5.4468

# Complementary

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



87.0623, -3.0434, 0.5833



90.4287, -6.3656, 8.9045

# 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.



87.0642, -8.1391, 7.4465



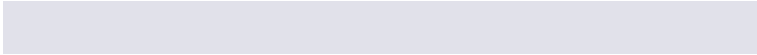
87.0623, -3.0434, 0.5833



87.0642, -3.9019, 8.9050

# Square

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



87.0642, -3.0454, 0.5848



87.0642, -0.3452, 6.2466



87.0642, -6.2435, 8.6984



87.0642, -8.8731, 3.2042



# Rectangle

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



87.0623, -3.0434, 0.5833



87.0642, -0.3143, 3.2849



87.0642, -6.2435, 8.6984



87.0642, -8.9028, 6.1687

# Sweetspot

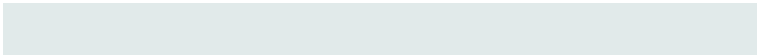
The Sweet Spot groups the original color and five complimentary colors.



87.0642, -3.0454, 0.5848



98.9464, -4.8240, 4.1957



89.8812, -7.7396, 3.9743



45.8013, -2.2436, 1.9696

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.0642, -3.0454, 0.5848



94.7616, -2.7408, -0.8500



87.4688, -1.6431, 1.1038



39.7899, -1.0127, -0.7149



18.2751, 49.5411, -129.7872



5.1243, 13.8680, -36.3420



# Inverse Universe

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



87.6245, -1.6824, 5.7621



95.5716, -0.7777, 6.6385



90.0268, -7.7794, 8.4236



40.1781, -0.0737, 2.8755



31.3528, 53.6931, 20.2556

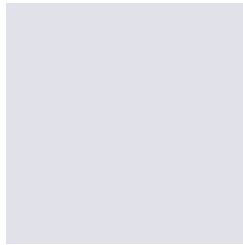


8.7859, 15.0467, 5.6732



# Previews

## White Background



This preview shows how the HunterLab color 87.0623, -3.0434, 0.5833 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

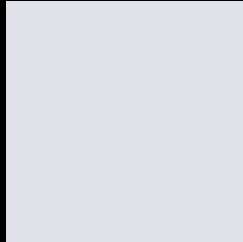
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.0623, -3.0434, 0.5833 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

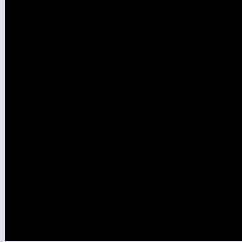
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

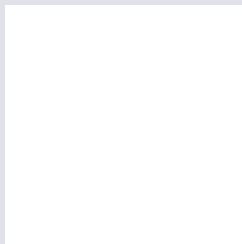
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.0623, -3.0434, 0.5833 Background



This preview shows how black text looks on a background with the HunterLab color 87.0623, -3.0434, 0.5833.



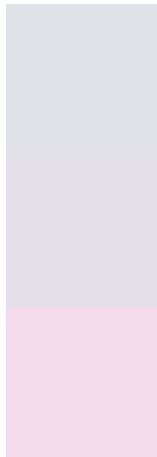
This preview shows how white text looks on a background with the HunterLab color 87.0623, -3.0434,

0.5833.

# 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

87.0623, -3.0434, 0.5833

### Protanopia

86.9383, -1.8791, 0.4516

### Deuteranopia

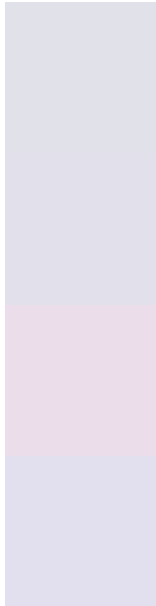
87.0149, 6.2727, 0.1735



## Tritanopia

87.1154, -0.7297, -3.5054

# Trichromacy



## Original Color

87.0623, -3.0434, 0.5833

## Protanomaly

86.8450, -2.2008, 0.3315

## Deuteranomaly

86.9160, 2.8367, -0.0084

## Tritanomaly

87.0127, -1.2880, -2.0494

# Monochromacy



## Original Color

87.0623, -3.0434, 0.5833

## Achromatopsia

87.2081, -4.6532, 4.7382

## Achromatomaly

87.3033, -4.1319, 3.3807

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.0623, -3.0434, 0.5833 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(225, 225, 234)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 225, 234) colored shadow looks like.

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

## Border

The CSS property to change the border of an element to HunterLab 87.0623, -3.0434, 0.5833 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".

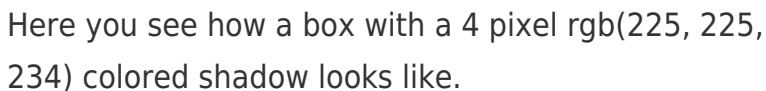
```
.border, #border, table{ border:4px solid rgb(225, 225, 234) }
```



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

```
.border{ border-color:rgb(225, 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(225, 225, 234)` colored shadow looks like.

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

# Background

The CSS property to change the background color of an element to HunterLab 87.0623, -3.0434, 0.5833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(225,  
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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