

# Converting Colors

HunterLab(85.9813, -4.1578,  
2.9462)

Have a look what the booklet for  
HunterLab(85.9813, -4.1578, 2.9462)  
contains.

<b>HunterLab(85.9366, -4.2081, 2.7410)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(85.9366, -4.2081,  
2.7410)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DEDFE3
RGB	222, 223, 227
RGB Percent	87%, 87%, 89%
CMY	0.1294, 0.1255, 0.1098
CMYK	0.02, 0.02, 0.00, 0.11
HSL	228°, 8%, 88%
HSV	228°, 2%, 89%
XYZ	70.3770, 73.8510, 83.2184
YIQ	223.1570, -1.8800, 1.0320

# Conversions

## Conversions Part 2

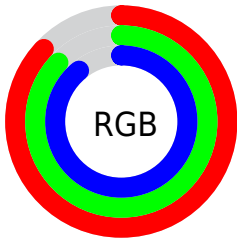
Format	Color
<a href="#">RYB</a>	<a href="#">222, 223, 227</a>
Decimal	<a href="#">14606307</a>
CIELab	<a href="#">88.85, 0.39, -2.08</a>
CIELCh	<a href="#">89, 2.115, 280.689</a>
Yxy	<a href="#">73.8542, 0.3094, 0.3247</a>
Android (android.graphics.Color)	<a href="#">4292796387</a> ( <a href="#">0xFFDEDFE3</a> )
YUV	<a href="#">223.1570, 1.8946, -1.0147</a>
Hunter-Lab	<a href="#">85.9366, -4.2081, 2.7410</a>

# Details

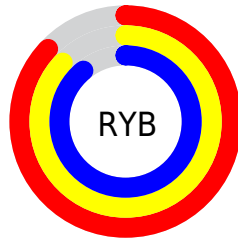
The HunterLab color  $85.9366, -4.2081, 2.7410$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $87.1761, -5.0099, 6.6279$ , and the grayscale version is  $85.9642, -4.5868, 4.6706$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $62.6094, -2.9802, 1.5669$  is the 20% darker color. If you saturate the color by 10%, you get  $78.3110, -1.8845, -6.8003$ , and if you desaturate by 10%, it is  $93.7569, -6.2126, 11.7062$ .

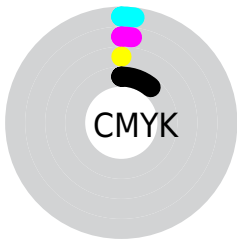
# Distribution



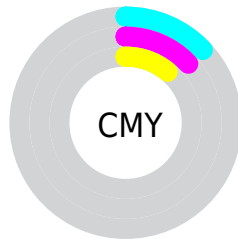
- Red (87%)
- Green (87%)
- Blue (89%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.9366, -4.2081, 2.7410 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 85.9366, -4.2081, 2.7410 by changing the saturation by 10% instead.



■ 85.9366, -4.2081,  
2.7410

■ 85.9366, -4.2081,  
2.7410

217.7085,  
-11.1102, 9.2260

■ 73.9423, -3.5879,  
2.1818

111.6642, -5.5495,  
3.9701

■ 62.5630, -2.9996,  
1.6597

125.3448, -6.2639,  
4.6335

■ 51.8360, -2.4474,  
1.1787

139.5425, -7.0066,  
5.3280

■ 41.8036, -1.9338,  
0.7425

154.2391, -7.7764,  
6.0523

■ 32.5177, -1.4617,  
0.3555

169.4183, -8.5725,  
6.8052

■ 24.0440, -1.0354,  
0.0234

185.0651, -9.3940,

■ 16.4696, -0.6602,

7.5857

-0.2453

201.1660,  
-10.2401, 8.3929

■ 9.9173, -0.3442,  
-0.4376

0.0000, NaN, -NF

■ 85.9366, -4.2081,  
2.7410

■ 85.9366, -4.2081,  
2.7410

■ 78.3110, -1.8845,  
-6.8003

■ 93.7569, -6.2126,  
11.7062

■ 70.8998, 0.8423,  
-17.0708

■ 99.1595, -9.9598,  
17.4736

■ 63.7375, 4.0719,  
-28.2570

■ 56.8668, 7.9344,  
-40.5909

■ 50.3455, 12.5919,  
-54.3424

■ 44.2522, 18.2318,  
-69.7831

■ 38.6941, 25.0306,  
-87.0754

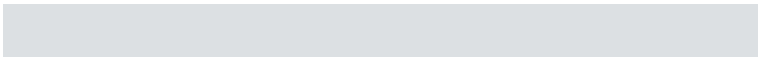
■ 33.8143, 33.0485,  
-106.0122

■ 29.7890, 42.0071,  
-125.5544

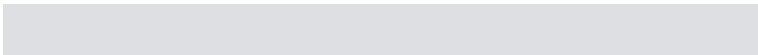
# Harmonies

## Analogous

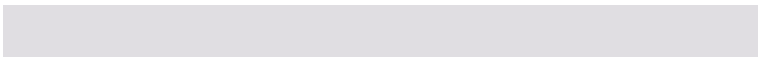
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9384, -5.2659, 2.8199



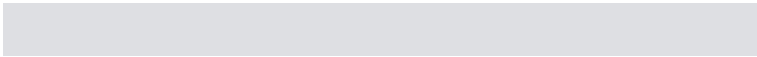
85.9366, -4.2081, 2.7410



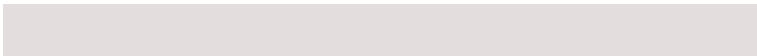
85.9384, -3.2515, 3.1883

# Triad

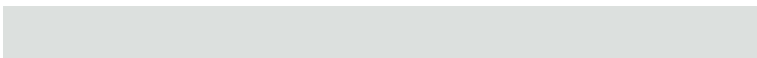
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9384, -4.2101, 2.7424



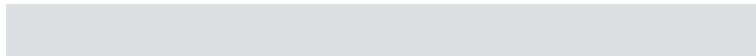
85.9384, -3.0325, 5.9377



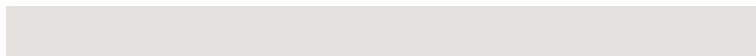
85.9384, -6.5133, 5.3193

# Complementary

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



85.9366, -4.2081, 2.7410



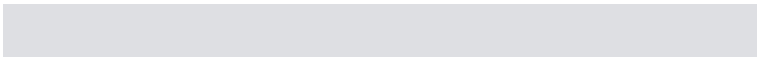
87.1761, -5.0099, 6.6279

# Split Complementary

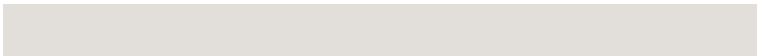
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.9384, -5.9205, 6.1413



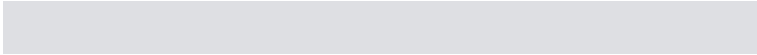
85.9366, -4.2081, 2.7410



85.9384, -3.9121, 6.4953

# Square

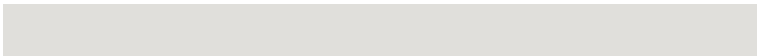
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.9384, -4.2101, 2.7424



85.9384, -2.5694, 5.0382



85.9384, -4.9694, 6.5693

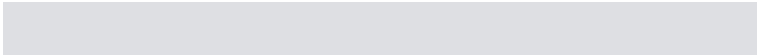


85.9384, -6.5922, 4.3159

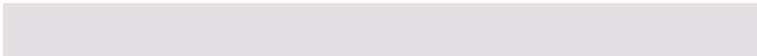


# Rectangle

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



85.9366, -4.2081, 2.7410



85.9384, -2.7979, 3.7192



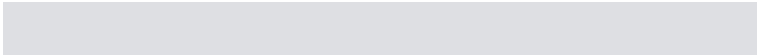
85.9384, -4.9694, 6.5693



85.9384, -6.3677, 5.6256

# Sweetspot

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



85.9384, -4.2101, 2.7424



99.1091, -5.0947, 4.3842



87.1523, -6.4631, 4.6809



45.8728, -2.3626, 2.0524

0.0000, NaN, NaN

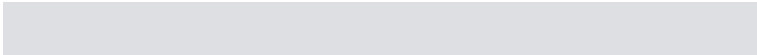


46.2646, -2.4686, 2.5136



# Same Dimension

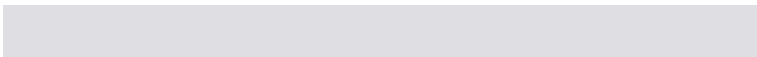
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9384, -4.2101, 2.7424



97.3337, -4.6017, 2.2665



85.7578, -3.2356, 2.5426



39.9299, -1.8219, 0.6008



21.1804, 36.3556, -104.9550



6.7916, 6.7401, -23.0388



# Inverse Universe

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



85.9666, -2.7673, 4.7728



97.3798, -2.3461, 5.4538



87.3583, -5.9865, 6.8212



39.9548, -0.6544, 2.2569



31.0654, 53.6071, 16.9209

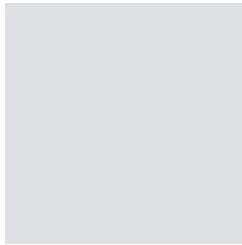


8.5220, 14.8574, 3.4660



# Previews

## White Background



This preview shows how the HunterLab color 85.9366, -4.2081, 2.7410 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

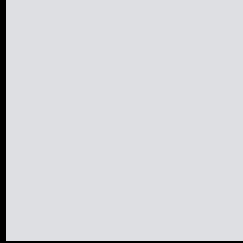
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.9366, -4.2081, 2.7410 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

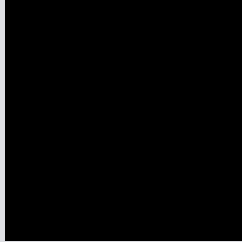
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

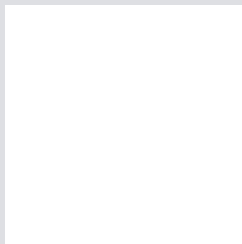
Any Text WCAG AAA ✓ Pass

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

## HunterLab 85.9366, -4.2081, 2.7410 Background



This preview shows how black text looks on a background with the HunterLab color 85.9366, -4.2081, 2.7410.



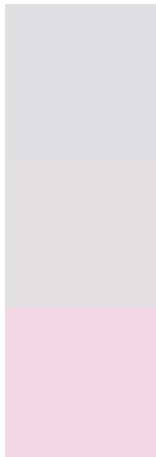
This preview shows how white text looks on a background with the HunterLab color 85.9366, -4.2081,

2.7410.

# 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

85.9366, -4.2081, 2.7410

### Protanopia

85.9664, -2.5757, 3.3030

### Deuteranopia

85.7849, 6.3047, 2.2412



## Tritanopia

85.9024, -0.3499, -3.4363

# Trichromacy



## Original Color

85.9366, -4.2081, 2.7410

## Protanomaly

85.8726, -2.9000, 3.1853

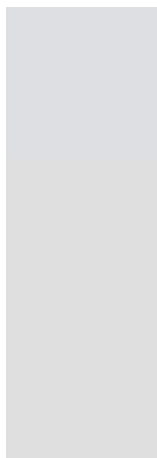
## Deuteranomaly

85.9806, 2.3230, 2.4076

## Tritanomaly

85.9818, -1.9328, -1.2501

# Monochromacy



## Original Color

85.9366, -4.2081, 2.7410

## Achromatopsia

85.9017, -4.5835, 4.6672

## Achromatomaly

85.9332, -4.4110, 4.2181

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.9366, -4.2081, 2.7410 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(222, 223, 227)` looks like.

```
.text, #text, p{  
    color:rgb(222, 223, 227)  
}
```

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(222, 223, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 223, 227) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.9366, -4.2081, 2.7410 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(222, 223, 227) }
```



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

```
.border{ border-color:rgb(222, 223, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 223, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 223, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 223, 227);  
box-shadow:4px 4px 4px 4px rgb(222, 223,  
227) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.9366, -4.2081, 2.7410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 223, 227) }
```

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

```
.background{ background-color: rgb(222,  
223, 227) }
```

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