

# Converting Colors

HunterLab(85.7771, -4.3564,  
3.0452)

Have a look what the booklet for  
HunterLab(85.7771, -4.3564, 3.0452)  
contains.

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# Color

**HunterLab(85.9046, -4.3835,  
3.1974)**

# Conversions

Conversions Part 1	
Format	Color
Hex	DEDFE2
RGB	222, 223, 226
RGB Percent	87%, 87%, 89%
CMY	0.1294, 0.1255, 0.1137
CMYK	0.02, 0.01, 0.00, 0.11
HSL	225°, 6%, 88%
HSV	225°, 2%, 89%
XYZ	70.2394, 73.7960, 82.4937
YIQ	223.0430, -1.5590, 0.7210

# Conversions

## Conversions Part 2

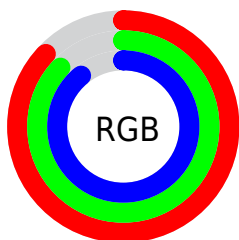
Format	Color
<a href="#">RYB</a>	<a href="#">222, 223, 226</a>
Decimal	<a href="#">14606306</a>
CIELab	<a href="#">88.83, 0.21, -1.59</a>
CIELCh	<a href="#">89, 1.605, 277.504</a>
Yxy	<a href="#">73.7992, 0.3101, 0.3258</a>
Android (android.graphics.Color)	<a href="#">4292796386</a> (0xFFDEDFE2)
YUV	<a href="#">223.0430, 1.4578, -0.9147</a>
Hunter-Lab	<a href="#">85.9046, -4.3835, 3.1974</a>

# Details

The HunterLab color 85.9046, -4.3835, 3.1974 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 86.7712, -4.8174, 6.1625, and the grayscale version is 85.9164, -4.5843, 4.6680.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 62.5788, -3.1476, 2.0024 is the 20% darker color. If you saturate the color by 10%, you get 78.6558, -2.6713, -5.8167, and if you desaturate by 10%, it is 93.3348, -5.7750, 11.7041.

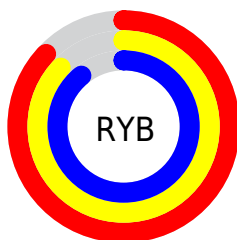
# Distribution



Red (87%)

Green (87%)

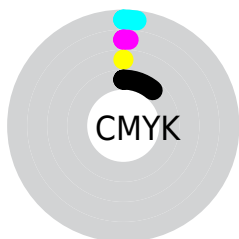
Blue (89%)



Red (87%)

Yellow (87%)

Blue (89%)

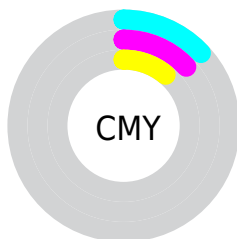


Cyan (2%)

Magenta (1%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (13%)


Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.9046, -4.3835, 3.1974 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 85.9046, -4.3835, 3.1974 by changing the saturation by 10% instead.




 85.9046, -4.3835,  
3.1974

 85.9046, -4.3835,  
3.1974


217.6649,  
-11.3492, 9.8422

 73.9119, -3.7547,  
2.6168

111.6293, -5.7409,  
4.4664

 62.5342, -3.1575,  
2.0722


125.3085, -6.4628,  
5.1487

 51.8089, -2.5957,  
1.5675


139.5049, -7.2127,  
5.8614

 41.7784, -2.0718,  
1.1060

154.2002, -7.9895,  
6.6032

 32.4945, -1.5888,  
0.6918

169.3782, -8.7923,  
7.3731

 24.0231, -1.1503,  
0.3302

185.0238, -9.6204,

 16.4511, -0.7616,


8.1702


0.0288

201.1235,  
-10.4729, 8.9935


 9.9017, -0.4300,  
-0.2005


0.0000, NaN, NaN


 85.9046, -4.3835,  
3.1974


 85.9046, -4.3835,  
3.1974

 78.6558, -2.6713,  
-5.8167

 93.3348, -5.7750,  
11.7041

 71.6053, -0.5602,  
-15.4647

 99.1318, -10.1133,  
17.8731

 64.7832, 2.0407,  
-25.8968

 58.2263, 5.2487,  
-37.2965

■ 51.9830, 9.2096,  
-49.8740

■ 46.1170, 14.0939,  
-63.8417

■ 40.7135, 20.0757,  
-79.3440

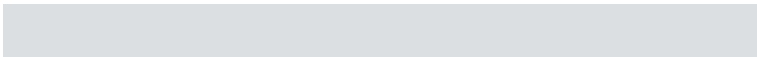
■ 35.8827, 27.2678,  
-96.3014

■ 31.7591, 35.5791,  
-114.1333

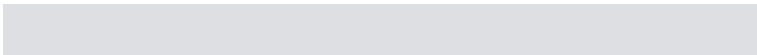
# Harmonies

## Analogous

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



85.9064, -5.1816, 3.3002



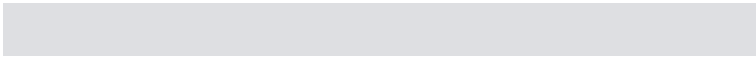
85.9046, -4.3835, 3.1974



85.9064, -3.6410, 3.4961

# Triad

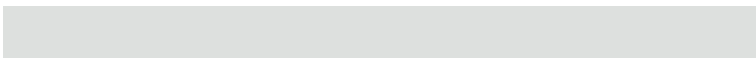
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9064, -4.3855, 3.1988



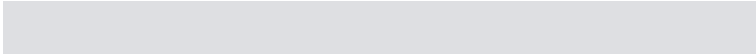
85.9064, -3.3531, 5.5705



85.9064, -6.0182, 5.2393

# Complementary

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



85.9046, -4.3835, 3.1974



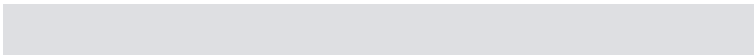
86.7712, -4.8174, 6.1625

# 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.



85.9064, -5.5316, 5.8396



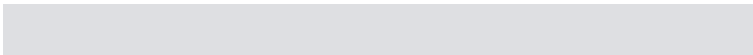
85.9046, -4.3835, 3.1974



85.9064, -3.9935, 6.0296

# Square

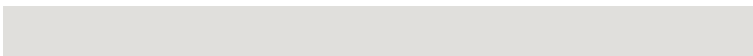
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



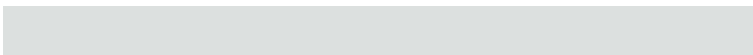
85.9064, -4.3855, 3.1988



85.9064, -3.0435, 4.8688



85.9064, -4.7910, 6.1277

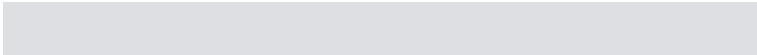


85.9064, -6.1224, 4.4830



# Rectangle

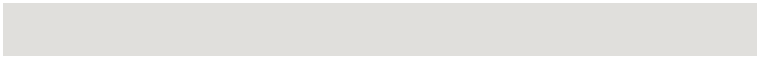
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.9046, -4.3835, 3.1974



85.9064, -3.2748, 3.8788



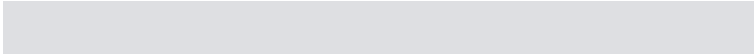
85.9064, -4.7910, 6.1277



85.9064, -5.8940, 5.4659

# Sweetspot

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



85.9064, -4.3855, 3.1988



99.1498, -5.1625, 4.4314



86.8079, -6.1181, 4.7622



45.8907, -2.3924, 2.0732

0.0000, NaN, NaN

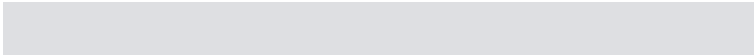


46.2646, -2.4686, 2.5136

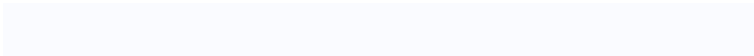


# Same Dimension

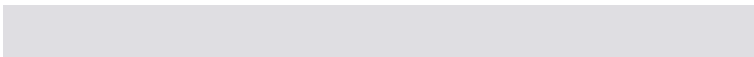
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9064, -4.3855, 3.1988



98.3017, -4.9856, 3.4237



85.6809, -3.5664, 2.9435



39.6871, -2.0196, 1.4315



22.2375, 31.2221, -95.1945



6.9563, 5.1785, -19.8736



# Inverse Universe

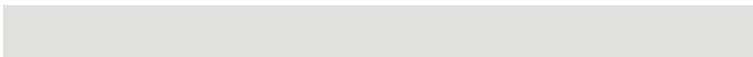
The Inverse Universe completely reimagines the original color for something new.



85.8723, -3.0937, 4.6560



98.2575, -3.3007, 5.3267



86.9978, -5.6375, 6.4108



39.6704, -1.3824, 2.1508



30.6712, 53.1220, 15.1948

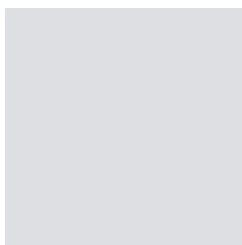


8.1628, 14.3089, 2.7172



# Previews

## White Background



This preview shows how the HunterLab color 85.9046, -4.3835, 3.1974 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

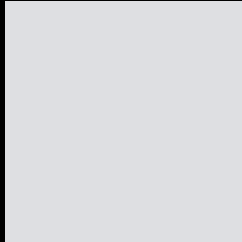
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.9046, -4.3835, 3.1974 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

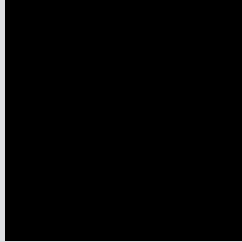
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

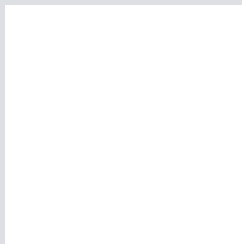
Any Text WCAG AAA ✓ Pass

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

## HunterLab 85.9046, -4.3835, 3.1974 Background



This preview shows how black text looks on a background with the HunterLab color 85.9046, -4.3835, 3.1974.



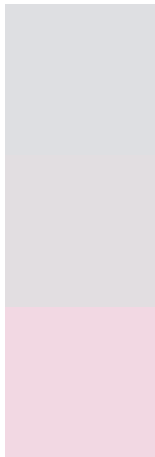
This preview shows how white text looks on a background with the HunterLab color 85.9046, -4.3835, 3.1974.



# 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

85.9046, -4.3835, 3.1974

### Protanopia

85.9346, -2.7494, 3.7568

### Deuteranopia

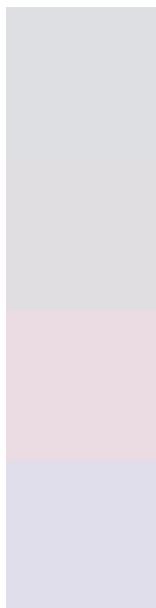
85.7526, 6.1318, 2.7010



## Tritanopia

85.9024, -0.3499, -3.4363

# Trichromacy



## Original Color

85.9046, -4.3835, 3.1974

## Protanomaly

85.8408, -3.0740, 3.6396

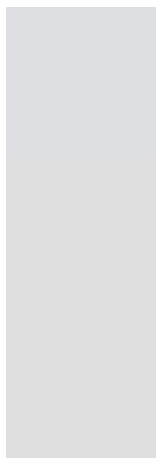
## Deuteranomaly

85.9484, 2.1491, 2.8664

## Tritanomaly

85.9483, -2.1155, -0.7741

# Monochromacy



## Original Color

85.9046, -4.3835, 3.1974

## 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 85.9046, -4.3835, 3.1974 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, 226) looks like.

```
.text, #text, p{  
    color:rgb(222, 223, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 223, 226) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.9046, -4.3835, 3.1974 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, 226) }
```



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

```
.border{ border-color:rgb(222, 223, 226) }
```

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, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 223, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 223, 226);  
box-shadow:4px 4px 4px 4px rgb(222, 223,  
226) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.9046, -4.3835, 3.1974 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, 226) }
```

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

```
.background{ background-color: rgb(222,  
223, 226) }
```

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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