

# Converting Colors

HunterLab(81.3576, -4.1410,  
-4.4980)

Have a look what the booklet for  
HunterLab(81.3576, -4.1410,  
-4.4980) contains.

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# Color

**HunterLab(81.3259, -4.0894,  
-4.5371)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCD5E6
RGB	204, 213, 230
RGB Percent	80%, 84%, 90%
CMY	0.2000, 0.1647, 0.0980
CMYK	0.11, 0.07, 0.00, 0.10
HSL	219°, 34%, 85%
HSV	219°, 11%, 90%
XYZ	62.9790, 66.1390, 84.3096
YIQ	212.2470, -10.8210, 3.3790

# Conversions

## Conversions Part 2

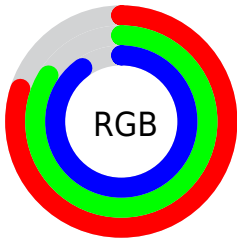
Format	Color
R <sub>Y</sub> B	204, 211, 230
Decimal	13424102
CIE Lab	85.07, 0.27, -9.40
CIE LCh	85, 9.403, 271.620
Yxy	66.1418, 0.2951, 0.3099
Android (android.graphics.Color)	4291614182 (0xFFCCD5E6)
YUV	212.2470, 8.7522, -7.2326
Hunter-Lab	81.3259, -4.0894, -4.5371

# Details

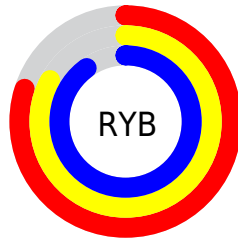
The HunterLab color **81.3259, -4.0894, -4.5371** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85.3787, -4.3420, 12.8621**, and the grayscale version is **81.2151, -4.3334, 4.4126**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **58.3377, -2.5188, -5.3161** is the 20% darker color. If you saturate the color by 10%, you get **74.7737, -3.0753, -13.3401**, and if you desaturate by 10%, it is **88.0646, -4.6945, 3.7803**.

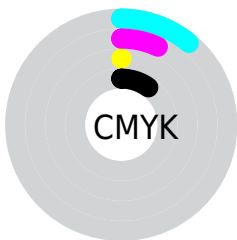
# Distribution



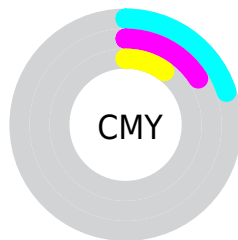
- Red (80%)
- Green (84%)
- Blue (90%)



- Red (80%)
- Yellow (83%)
- Blue (90%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (16%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.3259, -4.0894, -4.5371 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 81.3259, -4.0894, -4.5371 by changing the saturation by 10% instead.



■ 81.3259, -4.0894,  
-4.5371

■ 81.3259, -4.0894,  
-4.5371

211.3963,  
-10.9434, -0.5112

■ 69.5611, -3.4753,  
-4.7708

106.6254, -5.4183,  
-3.9199

■ 58.4242, -2.8941,  
-4.9521

120.1051, -6.1271,  
-3.5455

■ 47.9546, -2.3493,  
-5.0746

134.1093, -6.8643,  
-3.1304

■ 38.1980, -1.8436,  
-5.1321

148.6191, -7.6289,  
-2.6768

■ 29.2109, -1.3804,  
-5.1169

163.6175, -8.4199,  
-2.1864

■ 21.0659, -0.9639,  
-5.0199

179.0890, -9.2365,

■ 13.8611, -0.6000,

-1.6611

-4.8310

195.0195,  
-10.0779, -1.1022

■ 7.4909, -0.2454,  
-5.0549

0.0000, NaN, -NF

■ 81.3259, -4.0894,  
-4.5371

■ 81.3259, -4.0894,  
-4.5371

■ 74.7737, -3.0753,  
-13.3401

■ 88.0646, -4.6945,  
3.7803

■ 68.4264, -1.5653,  
-22.7312

■ 94.9657, -4.9521,  
11.6909

■ 62.3149, 0.5402,  
-32.8222

■ 99.2438, -9.4946,  
16.2623

■ 56.4757, 3.3637,  
-43.7356

■ 50.9548, 7.0470,  
-55.5887

■ 45.8095, 11.7408,  
-68.4611

■ 41.1095, 17.5741,  
-82.3329

■ 36.9338, 24.5881,  
-96.9904

■ 33.7612, 31.4631,  
-110.1184

# Harmonies

## Analogous

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



81.3276, -8.5472, -3.4117



81.3259, -4.0894, -4.5371



81.3276, 0.3938, -3.1484

# Triad

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



81.3276, -4.0910, -4.5357



81.3276, 3.4053, 8.7582



81.3276, -12.0565, 8.3640

# Complementary

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



81.3259, -4.0894, -4.5371



85.3787, -4.3420, 12.8621

# 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.



81.3276, -8.9754, 11.3370



81.3259, -4.0894, -4.5371



81.3276, -0.0532, 11.5554

# Square

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



81.3276, -4.0910, -4.5357



81.3276, 4.7815, 4.6669



81.3276, -4.5963, 12.4729



81.3276, -13.0837, 4.1862



# Rectangle

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



81.3259, -4.0894, -4.5371



81.3276, 2.7795, -1.0289



81.3276, -4.5963, 12.4729



81.3276, -11.2301, 9.5291

# Sweetspot

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



81.3276, -4.0910, -4.5357



97.6875, -5.1906, 2.6829



86.3986, -14.3503, 6.0912



44.9101, -2.3807, 0.8978

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



81.3276, -4.0910, -4.5357



89.3586, -4.3321, -7.7863



78.9276, 1.7802, -7.5713



38.3395, -1.9650, -1.3761



25.8049, 22.6200, -81.0839



8.1282, 3.5280, -17.7754



# Inverse Universe

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



80.5073, 5.9739, 3.3501



88.2534, 9.7242, 3.4317



87.8289, -10.2316, 15.3757



38.0131, 1.9503, 1.6550



31.4165, 54.9020, 11.7709

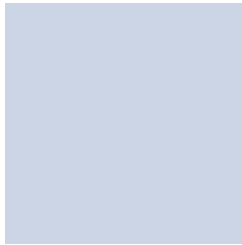


8.6393, 15.2877, 1.7632



# Previews

## White Background



This preview shows how the HunterLab color 81.3259, -4.0894, -4.5371 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

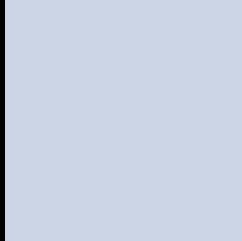
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 81.3259, -4.0894, -4.5371 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

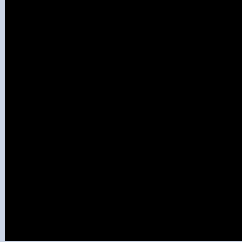
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

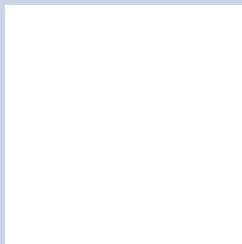
Any Text WCAG AAA ✓ Pass

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

# HunterLab 81.3259, -4.0894, -4.5371 Background



This preview shows how black text looks on a background with the HunterLab color 81.3259, -4.0894, -4.5371.



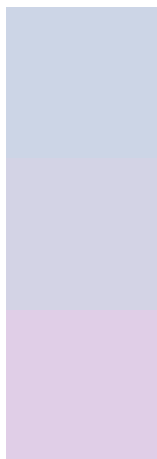
This preview shows how white text looks on a background with the HunterLab color 81.3259, -4.0894, -4.5371.

-4.5371.

# 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

81.3259, -4.0894, -4.5371

### Protanopia

81.2986, -1.0923, -3.9845

### Deuteranopia

81.0922, 6.0875, -5.2002



## Tritanopia

81.3259, -4.0894, -4.5371

# Trichromacy



## Original Color

81.3259, -4.0894, -4.5371

## Protanomaly

81.3351, -2.5416, -3.9630

## Deuteranomaly

81.3155, 2.2256, -4.9783

## Tritanomaly

81.3259, -4.0894, -4.5371

# Monochromacy



## Original Color

81.3259, -4.0894, -4.5371

## Achromatopsia

81.1403, -4.3294, 4.4085

## Achromatomaly

81.0905, -4.0574, 0.8959

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.3259, -4.0894, -4.5371 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(204, 213, 230)` looks like.

```
.text, #text, p{  
    color:rgb(204, 213, 230)  
}
```

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(204, 213, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 213, 230) }
```

## Border

The CSS property to change the border of an element to HunterLab 81.3259, -4.0894, -4.5371 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(204, 213, 230) }
```



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

```
.border{ border-color:rgb(204, 213, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 213, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 213, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 213, 230);  
box-shadow:4px 4px 4px 4px rgb(204, 213,  
230) }
```

# Background

The CSS property to change the background color of an element to HunterLab 81.3259, -4.0894, -4.5371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 213, 230) }
```

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

```
.background{ background-color: rgb(204,  
213, 230) }
```

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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