

# Converting Colors

HunterLab(82.0001, 11.8535,  
-26.0037)

Have a look what the booklet for  
HunterLab(82.0001, 11.8535,  
-26.0037) contains.

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# Color

**HunterLab(81.4052, 8.9158,  
-18.5883)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DACEFF
RGB	218, 206, 255
RGB Percent	85%, 81%, 100%
CMY	0.1451, 0.1921, 0.0000
CMYK	0.15, 0.19, 0.00, 0.00
HSL	255°, 100%, 90%
HSV	255°, 19%, 100%
XYZ	69.0348, 66.2681, 103.7603
YIQ	215.1740, -8.5770, 17.7830

# Conversions

## Conversions Part 2

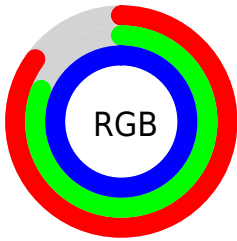
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 206, 255
Decimal	14339839
CIE <sub>Lab</sub>	85.13, 13.53, -22.44
CIE <sub>LCh</sub>	85, 26.206, 301.081
Y <sub>xy</sub>	66.2707, 0.2888, 0.2772
Android (android.graphics.Color)	4292529919 (0xFFDACEFF)
Y <sub>UV</sub>	215.1740, 19.6342, 2.4784
Hunter-Lab	81.4052, 8.9158, -18.5883

# Details

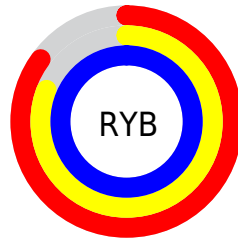
The HunterLab color  $81.4052, 8.9158, -18.5883$  is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be  $97.4842, -17.0363, 24.2547$ , and the grayscale version is  $82.4316, -4.3983, 4.4787$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $58.5835, 8.7699, -17.8180$  is the 20% darker color. If you saturate the color by 10%, you get  $72.2317, 16.8245, -32.8536$ , and if you desaturate by 10%, it is  $90.9416, 1.3672, -5.6184$ .

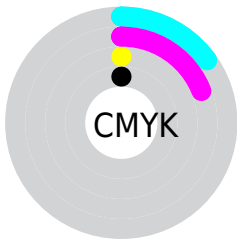
# Distribution



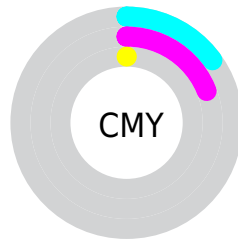
- Red (85%)
- Green (81%)
- Blue (100%)



- Red (85%)
- Yellow (81%)
- Blue (100%)



- Cyan (15%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (19%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.4052, 8.9158, -18.5883 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 81.4052, 8.9158, -18.5883 by changing the saturation by 10% instead.



81.4052, 8.9158,  
-18.5883

81.4052, 8.9158,  
-18.5883

211.5052, 6.6726,  
-18.3279

69.6363, 8.9124,  
-18.3557

106.7121, 8.7411,  
-18.8726

58.4952, 8.8444,  
-18.0642

120.1953, 8.5758,  
-18.9348

48.0211, 8.7022,  
-17.7096

134.2029, 8.3627,  
-18.9466

38.2596, 8.4761,  
-17.2930

148.7160, 8.1049,  
-18.9103

29.2672, 8.1529,  
-16.8216

163.7175, 7.8049,  
-18.8283

21.1164, 7.7145,  
-16.3202

179.1920, 7.4649,

13.9050, 7.1353,

-18.7027

-15.8663

195.1256, 7.0869,  
-18.5353

7.5392, 7.4242,  
-16.5737

0.0000, NaN, -NF

81.4052, 8.9158,  
-18.5883

81.4052, 8.9158,  
-18.5883

72.2317, 16.8245,  
-32.8536

90.9416, 1.3672,  
-5.6184

63.4875, 25.1915,  
-48.7911

100.0000, -5.3358,  
5.4332

55.2736, 34.0976,  
-66.8261

47.7310, 43.5525,  
-87.3448

■ 41.0587, 53.3415,  
-110.3823

■ 35.5230, 62.7339,  
-134.9187

■ 31.4259, 70.1903,  
-157.8995

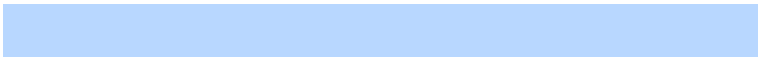
■ 28.8999, 74.0869,  
-174.9890

■ 28.7376, 74.3371,  
-176.1809

# Harmonies

## Analogous

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



81.4068, -3.8777, -22.9972



81.4052, 8.9158, -18.5883



81.4068, 18.6216, -7.8799

# Triad

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



81.4068, 8.9140, -18.5859



81.4068, 8.0506, 22.5625



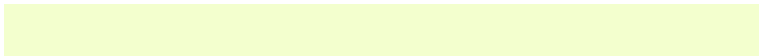
81.4068, -27.7851, 3.9830

# Complementary

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



81.4052, 8.9158, -18.5883



97.4842, -17.0363, 24.2547

# 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.



81.4068, -25.0232, 15.0768



81.4052, 8.9158, -18.5883



81.4068, -4.8173, 24.7401

# Square

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



81.4068, 8.9140, -18.5859



81.4068, 18.1016, 15.7389



81.4068, -16.8119, 22.2243



81.4068, -24.6011, -8.7746



# Rectangle

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



81.4052, 8.9158, -18.5883



81.4068, 21.7494, 0.6712



81.4068, -16.8119, 22.2243



81.4068, -27.5227, 8.0199

# Sweetspot

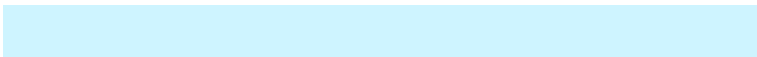
The Sweet Spot groups the original color and five complimentary colors.



81.4068, 8.9140, -18.5859



94.0733, -0.9950, -1.6767



92.0783, -14.3375, -4.4316



43.2270, -0.2392, -1.1426

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



81.4068, 8.9140, -18.5859



77.8873, 11.8614, -23.8167



83.8037, 16.7511, -15.0010



41.9434, 0.7320, -2.7666



20.9116, 53.8519, -126.3320



6.8854, 17.1261, -36.9045



# Inverse Universe

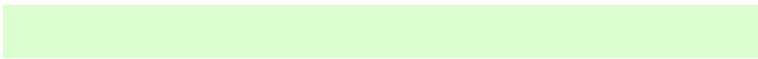
The Inverse Universe completely reimagines the original color for something new.



84.7798, 18.9990, -6.7278



81.9922, 23.8889, -9.0311



95.4188, -24.5557, 22.0817



42.6847, 3.0475, -0.3058



36.2426, 67.6577, -19.9226



11.3850, 21.3816, -7.2514



# Previews

## White Background



This preview shows how the HunterLab color 81.4052, 8.9158, -18.5883 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

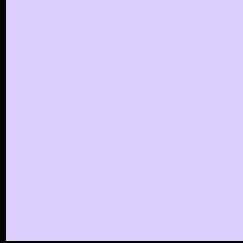
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 81.4052, 8.9158, -18.5883 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

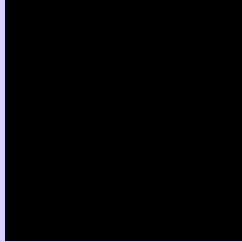
Any Text WCAG AA ✓ Pass

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 81.4052, 8.9158, -18.5883 Background



This preview shows how black text looks on a background with the HunterLab color 81.4052, 8.9158, -18.5883.



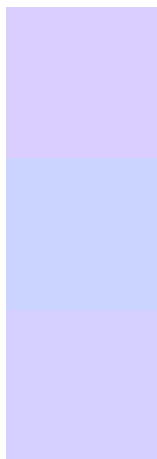
This preview shows how white text looks on a background with the HunterLab color 81.4052, 8.9158, -18.5883.

-18.5883.

# 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

81.4052, 8.9158, -18.5883

### Protanopia

81.5506, 1.6894, -18.5023

### Deuteranopia

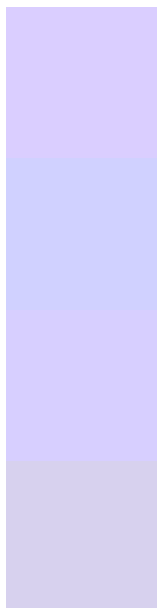
81.5340, 6.2877, -18.4461



## Tritanopia

81.4470, -0.6508, -3.2554

# Trichromacy



## Original Color

81.4052, 8.9158, -18.5883

## Protanomaly

81.3823, 4.2347, -18.7037

## Deuteranomaly

81.4203, 7.4414, -18.5919

## Tritanomaly

81.3763, 2.9279, -8.7399

# Monochromacy



## Original Color

81.4052, 8.9158, -18.5883

## Achromatopsia

82.4344, -4.3985, 4.4788

## Achromatomaly

82.0969, 0.1474, -3.4753

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.4052, 8.9158, -18.5883 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(218, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 206, 255)  
}
```

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(218, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 206, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 81.4052, 8.9158, -18.5883 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(218, 206, 255) }
```



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

```
.border{ border-color:rgb(218, 206, 255) }
```

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

Here you see how a box with a 4 pixel rgb(218, 206, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 206,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 81.4052, 8.9158, -18.5883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 206, 255) }
```

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

```
.background{ background-color: rgb(218,  
206, 255) }
```

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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