

# Converting Colors

HunterLab(83.7671, -21.9159,  
-6.5631)

Have a look what the booklet for  
HunterLab(83.7671, -21.9159,  
-6.5631) contains.

<b>HunterLab(83.9063, -22.2257, -6.3901)</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(83.9063,  
-22.2257, -6.3901)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1E6EF
RGB	161, 230, 239
RGB Percent	63%, 90%, 94%
CMY	0.3686, 0.0980, 0.0627
CMYK	0.33, 0.04, 0.00, 0.06
HSL	187°, 71%, 78%
HSV	187°, 33%, 94%
XYZ	58.5747, 70.4027, 92.1632
YIQ	210.3950, -44.0130, -11.8290

# Conversions

## Conversions Part 2

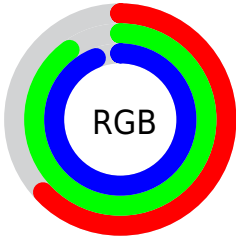
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 198, 239
Decimal	10610415
CIELab	87.20, -19.31, -11.27
CIELCh	87, 22.355, 210.266
Yxy	70.4055, 0.2649, 0.3184
Android (android.graphics.Color)	4288800495 (0xFFA1E6EF)
YUV	210.3950, 14.1023, -43.3194
Hunter-Lab	83.9063, -22.2257, -6.3901

# Details

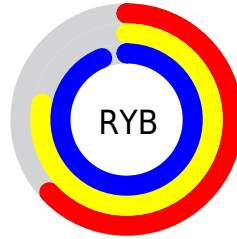
The HunterLab color **83.9063, -22.2257, -6.3901** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70.4799, 19.5146, 15.4047**, and the grayscale version is **80.4058, -4.2903, 4.3686**.

A 20% lighter version of the original color is **96.7706, -16.7594, 1.3713**, and **60.6260, -18.8650, -6.7853** is the 20% darker color. If you saturate the color by 10%, you get **81.6288, -25.9689, -9.4698**, and if you desaturate by 10%, it is **86.4159, -17.7164, -3.0898**.

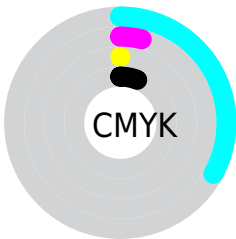
# Distribution



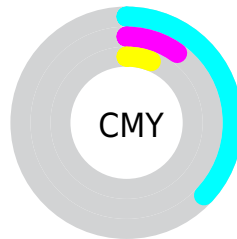
- Red (63%)
- Green (90%)
- Blue (94%)



- Red (63%)
- Yellow (78%)
- Blue (94%)



- Cyan (33%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (37%)
- Magenta (10%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.9063, -22.2257, -6.3901 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 83.9063, -22.2257, -6.3901 by changing the saturation by 10% instead.



83.9063, -22.2257,  
-6.3901

83.9063, -22.2257,  
-6.3901

214.9354,  
-36.2612, -2.8625

72.0119, -20.6300,  
-6.5614

109.4472,  
-25.3731, -5.8932

60.7382, -19.0090,  
-6.6785

123.0401,  
-26.9323, -5.5768

50.1231, -17.3538,  
-6.7352

137.1533,  
-28.4868, -5.2181

40.2106, -15.6507,  
-6.7257

151.7684,  
-30.0390, -4.8196

31.0544, -13.8791,  
-6.6429

166.8686,  
-31.5910, -4.3830

22.7231, -12.0066,  
-6.4790

182.4389,

15.3084, -9.9768,

-33.1445, -3.9103

-6.2276

198.4653,  
-34.7009, -3.4030

■ 8.9251, -9.9034,  
-5.9298

0.0000, NaN, -NF

■ 83.9063, -22.2257,  
-6.3901

■ 83.9063, -22.2257,  
-6.3901

■ 81.6288, -25.9689,  
-9.4698

■ 86.4159, -17.7164,  
-3.0898

■ 79.5811, -28.9025,  
-12.3092

■ 89.1474, -12.4907,  
0.4016

■ 77.7637, -31.0031,  
-14.8878

■ 92.0952, -6.6086,  
4.0594

■ 76.1711, -32.2697,  
-17.1931

■ 95.0903, -0.6827,  
7.6646

74.7918, -32.7310,  
-19.2234

95.9513, -2.1466,  
8.6265

73.6059, -32.4547,  
-20.9922

96.8175, -3.6062,  
9.5861

72.8254, -31.8973,  
-22.1683

97.6887, -5.0616,  
10.5435

98.5650, -6.5127,  
11.4986

99.4461, -7.9594,  
12.4515

# Harmonies

## Analogous

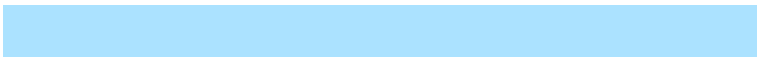
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.9080, -24.8843, 4.4726



83.9063, -22.2257, -6.3901



83.9080, -14.8640, -15.1667

# Triad

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



83.9080, -22.2266, -6.3888



83.9080, 14.9811, -6.2036



83.9080, -4.5811, 22.5270

# Complementary

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



83.9063, -22.2257, -6.3901



70.4799, 19.5146, 15.4047

# 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.



83.9080, 6.4315, 20.4328



83.9063, -22.2257, -6.3901



83.9080, 18.0785, 4.6619

# Square

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



83.9080, -22.2266, -6.3888



83.9080, 6.6125, -15.0503



83.9080, 14.8728, 14.2201



83.9080, -15.0277, 20.3576

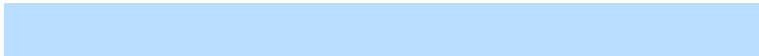


# Rectangle

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



83.9063, -22.2257, -6.3901



83.9080, -8.0800, -18.1513



83.9080, 14.8728, 14.2201



83.9080, -0.8216, 22.3019

# Sweetspot

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



83.9080, -22.2266, -6.3888



96.7564, -11.8635, 1.4397



84.9521, -37.9156, 25.5535



44.5615, -5.8880, 0.4126

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.9080, -22.2266, -6.3888



88.6909, -26.6393, -9.0608



71.8317, -3.5116, -23.2036



41.9516, -4.9853, 0.7172



54.2524, -23.8591, -16.3059



15.9251, -7.2331, -4.2908



# Inverse Universe

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



70.3956, 35.6070, -19.0544



71.6863, 47.1337, -25.4795



81.2033, -0.2388, 25.4126



39.9977, 3.0644, -0.9229



35.7277, 68.5279, -33.8370

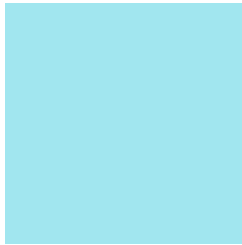


10.3476, 19.9152, -10.3258



# Previews

## White Background



This preview shows how the HunterLab color 83.9063, -22.2257, -6.3901 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

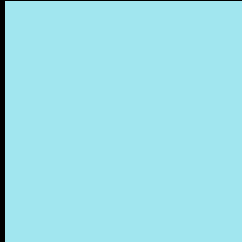
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.9063, -22.2257, -6.3901 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

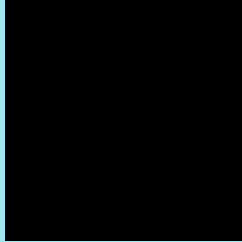
Any Text WCAG AA ✓ Pass

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 83.9063, -22.2257, -6.3901 Background



This preview shows how black text looks on a background with the HunterLab color 83.9063, -22.2257, -6.3901.



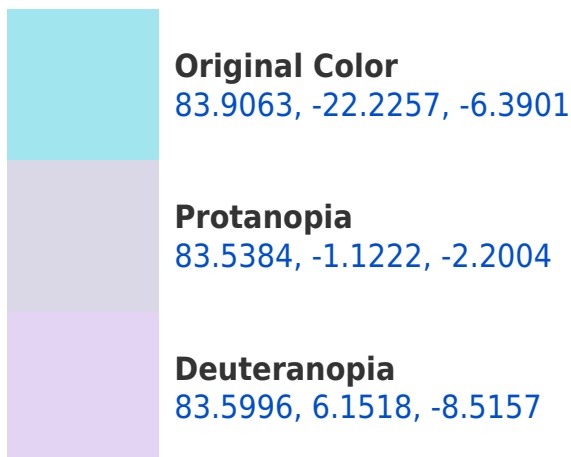
This preview shows how white text looks on a background with the HunterLab color 83.9063, -22.2257, -6.3901.

-22.2257,-6.3901.

# 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





## Tritanopia

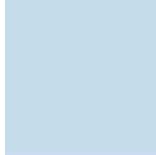
83.9884, -19.6490, -10.7096

# Trichromacy



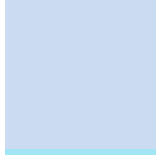
## Original Color

83.9063, -22.2257, -6.3901



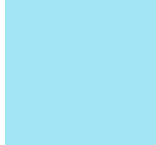
## Protanomaly

83.3809, -9.4769, -4.1384



## Deuteranomaly

83.5286, -5.1612, -8.2481



## Tritanomaly

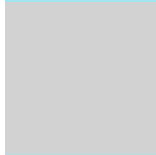
83.8163, -20.4989, -9.2549

# Monochromacy



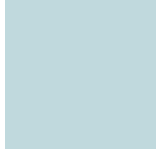
## Original Color

83.9063, -22.2257, -6.3901



## Achromatopsia

80.2795, -4.2835, 4.3617



## Achromatomaly

81.2728, -11.3225, -0.0222

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.9063, -22.2257, -6.3901 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(161, 230, 239)` looks like.

```
.text, #text, p{  
    color:rgb(161, 230, 239)  
}
```

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(161, 230, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 230, 239) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.9063, -22.2257, -6.3901 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(161, 230, 239) }
```



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

```
.border{ border-color:rgb(161, 230, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 230, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 230, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 230, 239);  
box-shadow:4px 4px 4px 4px rgb(161, 230,  
239) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.9063, -22.2257, -6.3901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 230, 239) }
```

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

```
.background{ background-color: rgb(161,  
230, 239) }
```

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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