

# Converting Colors

HunterLab(83.4375, -30.9186,  
-8.8208)

Have a look what the booklet for  
HunterLab(83.4375, -30.9186,  
-8.8208) contains.

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# Color

**HunterLab(83.3916,  
-30.8574, -8.8804)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CEAF2
RGB	124, 234, 242
RGB Percent	49%, 92%, 95%
CMY	0.5137, 0.0823, 0.0510
CMYK	0.49, 0.03, 0.00, 0.05
HSL	184°, 82%, 72%
HSV	184°, 49%, 95%
XYZ	53.7621, 69.5416, 94.5937
YIQ	202.0220, -68.1280, -20.8320

# Conversions

## Conversions Part 2

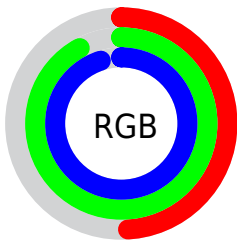
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 181, 242
Decimal	8186610
CIELab	86.77, -29.47, -13.64
CIELCh	87, 32.479, 204.840
Yxy	69.5443, 0.2467, 0.3192
Android (android.graphics.Color)	4286376690 (0xFF7CEAF2)
YUV	202.0220, 19.7092, -68.4253
Hunter-Lab	83.3916, -30.8574, -8.8804

# Details

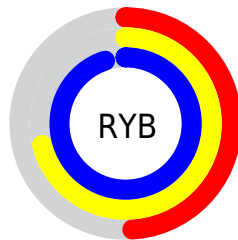
The HunterLab color **83.3916, -30.8574, -8.8804** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **60.6930, 36.4529, 19.4070**, and the grayscale version is **76.8023, -4.0980, 4.1728**.

A 20% lighter version of the original color is **94.2376, -26.0020, -1.9093**, and **60.3142, -26.5082, -8.9642** is the 20% darker color. If you saturate the color by 10%, you get **81.8702, -33.7784, -10.9798**, and if you desaturate by 10%, it is **85.1541, -27.0830, -6.4929**.

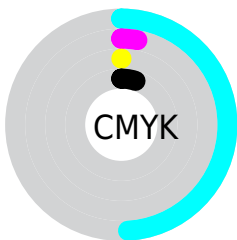
# Distribution



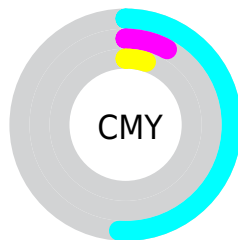
- Red (49%)
- Green (92%)
- Blue (95%)



- Red (49%)
- Yellow (71%)
- Blue (95%)



- Cyan (49%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (51%)
- Magenta (8%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.3916, -30.8574, -8.8804 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 83.3916, -30.8574, -8.8804 by changing the saturation by 10% instead.



83.3916, -30.8574,  
-8.8804

83.3916, -30.8574,  
-8.8804

214.2308,  
-48.7647, -6.0799

71.5228, -28.7230,  
-8.9591

108.8846,  
-34.9954, -8.5607

60.2761, -26.5280,  
-8.9809

122.4551,  
-37.0151, -8.3290

49.6898, -24.2554,  
-8.9394

136.5468,  
-39.0107, -8.0528

39.8080, -21.8806,  
-8.8293

151.1410,  
-40.9868, -7.7346

30.6852, -19.3671,  
-8.6445

166.2210,  
-42.9473, -7.3764

22.3906, -16.6576,  
-8.3801

181.7717,

15.0170, -13.6538,

-44.8954, -6.9801

-8.0376

197.7792,  
-46.8338, -6.5475

■ 8.6591, -15.1534,  
-7.7405

0.0000, NaN, -NF

■ 83.3916, -30.8574,  
-8.8804

■ 83.3916, -30.8574,  
-8.8804

■ 81.8702, -33.7784,  
-10.9798

■ 85.1541, -27.0830,  
-6.4929

■ 80.5781, -35.8431,  
-12.7876

■ 87.1555, -22.4775,  
-3.8359

■ 79.5046, -37.0791,  
-14.3053

■ 89.3963, -17.0827,  
-0.9282

■ 78.6304, -37.5479,  
-15.5487

■ 91.8727, -10.9526,  
2.2068

■ 77.9203, -37.3804,  
-16.5607

■ 94.5786, -4.1486,  
5.5443

■ 77.8368, -37.3414,  
-16.6800

■ 96.0621, -1.6695,  
7.3151

■ 96.5764, -2.5403,  
7.8929

■ 97.0925, -3.4095,  
8.4698

■ 97.6104, -4.2772,  
9.0459

# Harmonies

## Analogous

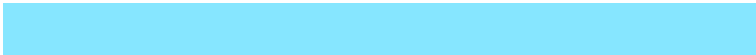
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.3932, -33.2402, 7.1581



83.3916, -30.8574, -8.8804



83.3932, -21.6290, -23.4714

# Triad

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



83.3932, -30.8579, -8.8791



83.3932, 22.5438, -14.3711



83.3932, -1.6369, 28.9684

# Complementary

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



83.3916, -30.8574, -8.8804



60.6930, 36.4529, 19.4070

# 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.



83.3932, 14.2341, 25.2963



83.3916, -30.8574, -8.8804



83.3932, 28.8584, 1.8328

# Square

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



83.3932, -30.8579, -8.8791



83.3932, 9.0260, -27.0422



83.3932, 25.7078, 16.0426



83.3932, -17.1289, 27.1834

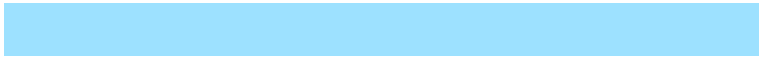


# Rectangle

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



83.3916, -30.8574, -8.8804



83.3932, -12.4374, -29.3877



83.3932, 25.7078, 16.0426



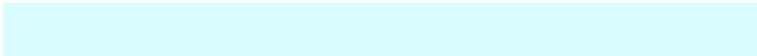
83.3932, 3.8413, 28.3559

# Sweetspot

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



83.3932, -30.8579, -8.8791



95.8178, -15.7988, 0.2246



83.3386, -51.1255, 34.9599



44.0783, -7.9285, -0.2163

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.3932, -30.8579, -8.8791



86.8225, -35.9534, -11.7362



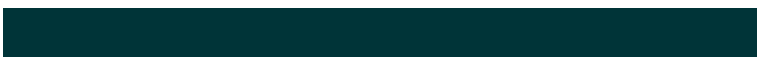
64.3504, -2.4990, -37.7908



42.1126, -5.2418, 0.9077



57.1215, -27.4576, -12.1238



16.6407, -8.1229, -3.2643



# Inverse Universe

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



62.6378, 57.6014, -34.0787



61.5242, 74.2359, -43.8865



75.8537, 5.7648, 31.9353



40.0148, 3.1557, -1.1652



36.1763, 70.0968, -39.7532

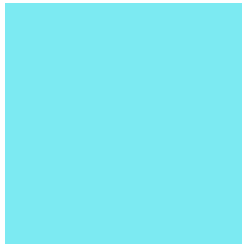


10.4607, 20.3100, -11.8123



# Previews

## White Background



This preview shows how the HunterLab color 83.3916, -30.8574, -8.8804 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

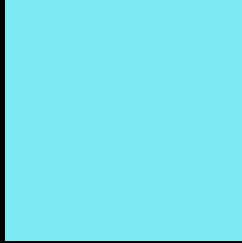
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.3916, -30.8574, -8.8804 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

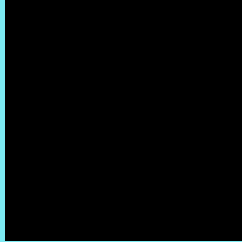
Any Text WCAG AA ✓ Pass

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 83.3916, -30.8574, -8.8804 Background



This preview shows how black text looks on a background with the HunterLab color 83.3916, -30.8574, -8.8804.



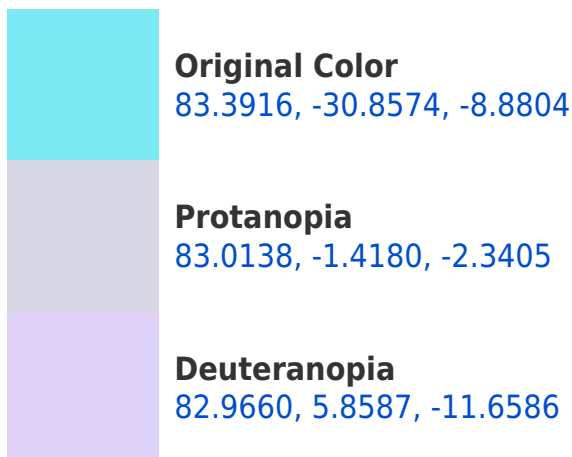
This preview shows how white text looks on a background with the HunterLab color 83.3916, -30.8574, -8.8804.

-30.8574, -8.8804.

# 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

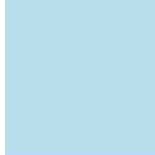
83.5194, -27.9619, -13.8151

# Trichromacy



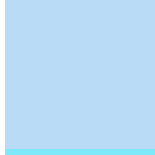
## Original Color

83.3916, -30.8574, -8.8804



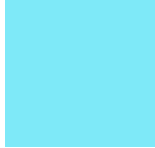
## Protanomaly

82.6138, -13.8522, -5.2016



## Deuteranomaly

82.2768, -9.3391, -11.7162



## Tritanomaly

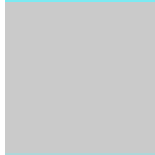
83.3611, -28.7828, -12.3005

# Monochromacy



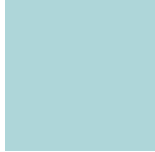
## Original Color

83.3916, -30.8574, -8.8804



## Achromatopsia

76.8517, -4.1006, 4.1755



## Achromatomaly

78.8045, -15.5326, -1.1026

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.3916, -30.8574, -8.8804 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(124, 234, 242)` looks like.

```
.text, #text, p{  
    color:rgb(124, 234, 242)  
}
```

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(124, 234, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 234, 242) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.3916, -30.8574, -8.8804 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(124, 234, 242) }
```



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

```
.border{ border-color:rgb(124, 234, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 234, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 234, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 234, 242);  
box-shadow:4px 4px 4px 4px rgb(124, 234,  
242) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.3916, -30.8574, -8.8804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 234, 242) }
```

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

```
.background{ background-color: rgb(124,  
234, 242) }
```

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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