

# Converting Colors

HunterLab(80.9885, -35.9541,  
-2.8738)

Have a look what the booklet for  
HunterLab(80.9885, -35.9541,  
-2.8738) contains.

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# Color

**HunterLab(80.9885,  
-35.9541, -2.8738)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69E7E1
RGB	105, 231, 225
RGB Percent	41%, 91%, 88%
CMY	0.5882, 0.0941, 0.1176
CMYK	0.55, 0.00, 0.03, 0.09
HSL	177°, 72%, 66%
HSV	177°, 55%, 91%
XYZ	47.9923, 65.5914, 81.3652
YIQ	192.6420, -73.1700, -28.5780

# Conversions

## Conversions Part 2

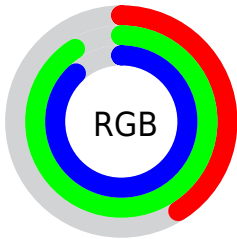
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 170, 231
Decimal	6940641
CIELab	84.79, -36.28, -7.72
CIELCh	85, 37.091, 192.011
Yxy	65.5939, 0.2462, 0.3365
Android (android.graphics.Color)	4285130721 (0xFF69E7E1)
YUV	192.6420, 15.9525, -76.8620
Hunter-Lab	80.9885, -35.9541, -2.8738

# Details

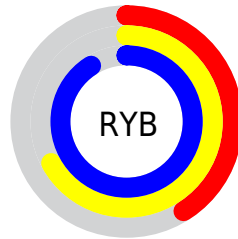
The HunterLab color **80.9885, -35.9541, -2.8738** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **53.1430, 44.3035, 16.7410**, and the grayscale version is **72.8329, -3.8862, 3.9571**.

A 20% lighter version of the original color is **93.1917, -29.8961, -3.2900**, and **58.1706, -30.8502, -3.4576** is the 20% darker color. If you saturate the color by 10%, you get **80.1998, -39.1037, -3.3487**, and if you desaturate by 10%, it is **82.0049, -31.9819, -2.1034**.

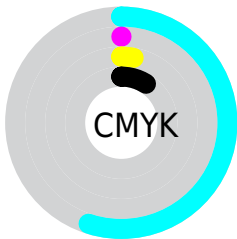
# Distribution



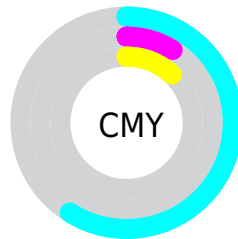
- Red (41%)
- Green (91%)
- Blue (88%)



- Red (41%)
- Yellow (67%)
- Blue (91%)



- Cyan (55%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (59%)
- Magenta (9%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.9885, -35.9541, -2.8738 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 80.9885, -35.9541, -2.8738 by changing the saturation by 10% instead.



80.9885, -35.9541,  
-2.8738

80.9885, -35.9541,  
-2.8738

210.9320,  
-56.5689, 1.6692

69.2408, -33.4342,  
-3.1750

106.2560,  
-40.7947, -2.1295

58.1219, -30.8244,  
-3.4260

119.7207,  
-43.1383, -1.6946

47.6717, -28.1010,  
-3.6211

133.7105,  
-45.4427, -1.2208

37.9358, -25.2293,  
-3.7541

148.2064,  
-47.7143, -0.7101

28.9711, -22.1577,  
-3.8175

163.1913,  
-49.9586, -0.1642

20.8509, -18.8045,  
-3.8015

178.6497,

13.6742, -15.1773,

-52.1801, 0.4152

-3.6935

194.5676,  
-54.3825, 1.0267

■ 7.2812, -12.7421,  
-4.0645

0.0000, NaN, NaN

■ 80.9885, -35.9541,  
-2.8738

■ 80.9885, -35.9541,  
-2.8738

■ 80.1998, -39.1037,  
-3.3487

■ 82.0049, -31.9819,  
-2.1034

■ 79.6208, -41.4528,  
-3.5448


■ 83.2528, -27.1874,  
-1.0358


■ 79.2348, -43.0546,  
-3.4839


■ 84.7385, -21.5946,  
0.3272

■ 79.0163, -43.9977,  
-3.2004


■ 86.4633, -15.2442,  
1.9768


 78.9438, -44.3268,  
-2.9841

 88.4254, -8.1905,  
3.8986

 90.6205, -0.4960,  
6.0746

 91.8043, 3.6069,  
6.9877

 91.8386, 3.7916,  
6.4977

 91.8731, 3.9773,  
6.0051

# Harmonies

## Analogous

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



80.9901, -35.1548, 14.0812



80.9885, -35.9541, -2.8738



80.9901, -28.8516, -21.3515

# Triad

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



80.9901, -35.9546, -2.8727



80.9901, 20.6003, -24.6203



80.9901, 6.8322, 30.2242

# Complementary

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



80.9885, -35.9541, -2.8738



53.1430, 44.3035, 16.7410

# 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.



80.9901, 23.5177, 23.7668



80.9885, -35.9541, -2.8738



80.9901, 31.9395, -6.6273

# Square

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



80.9901, -35.9546, -2.8727



80.9901, 3.1292, -35.6496



80.9901, 33.0523, 11.0708



80.9901, -11.5204, 30.7940



# Rectangle

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



80.9885, -35.9541, -2.8738



80.9901, -20.1893, -31.0769



80.9901, 33.0523, 11.0708



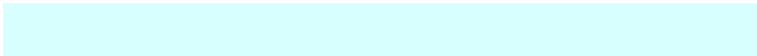
80.9901, 12.8613, 28.7499

# Sweetspot

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



80.9901, -35.9546, -2.8727



96.4063, -18.2020, 1.9063



78.4687, -51.5124, 37.3509



44.4110, -9.1204, 0.6980

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



80.9901, -35.9546, -2.8727



89.6538, -43.9881, -3.7751



62.5806, -8.4135, -33.2141



40.4029, -5.4236, 1.3504



59.1120, -33.1613, -2.2992



16.0804, -8.9460, -0.7873



# Inverse Universe

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



53.1430, 44.3035, 16.7410



54.1408, 60.2032, 21.9913



66.1411, 14.8057, 29.0333



37.9197, 1.4478, 2.9879



30.8915, 52.9630, 19.4938

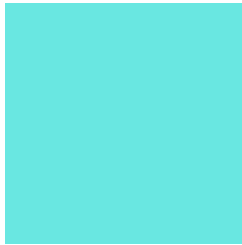


8.4210, 14.4844, 4.9514



# Previews

## White Background



This preview shows how the HunterLab color 80.9885, -35.9541, -2.8738 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

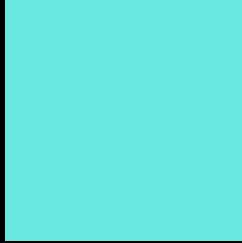
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.9885, -35.9541, -2.8738 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

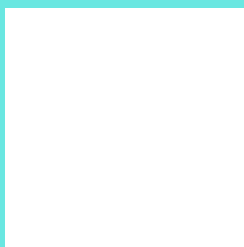
Any Text WCAG AAA ✓ Pass

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

## HunterLab 80.9885, -35.9541, -2.8738 Background



This preview shows how black text looks on a background with the HunterLab color 80.9885, -35.9541, -2.8738.



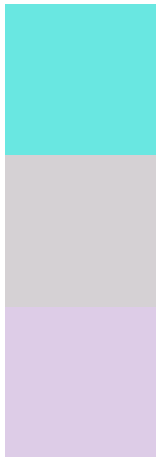
This preview shows how white text looks on a background with the HunterLab color 80.9885,

-35.9541, -2.8738.

# 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

80.9885, -35.9541, -2.8738

### Protanopia

80.3122, -2.4695, 3.4615

### Deuteranopia

80.2044, 6.1634, -6.3578



## Tritanopia

81.0255, -29.0270, -14.3806

# Trichromacy



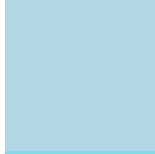
## Original Color

80.9885, -35.9541, -2.8738



## Protanomaly

79.7710, -16.9919, 0.0658



## Deuteranomaly

79.5827, -11.9153, -6.3969



## Tritanomaly

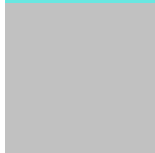
80.9485, -31.6642, -9.9206

# Monochromacy



## Original Color

80.9885, -35.9541, -2.8738



## Achromatopsia

73.0258, -3.8965, 3.9676



## Achromatomaly

75.2399, -17.7225, 0.5385

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.9885, -35.9541, -2.8738 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(105, 231, 225)` looks like.

```
.text, #text, p{  
    color:rgb(105, 231, 225)  
}
```

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(105, 231, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 231, 225) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.9885, -35.9541, -2.8738 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".

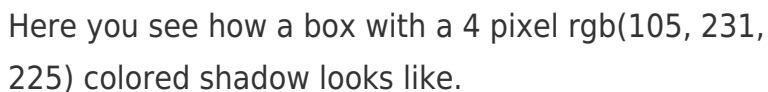
```
.border, #border, table{ border:4px solid rgb(105, 231, 225) }
```



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

```
.border{ border-color:rgb(105, 231, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 231, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 231, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 231, 225);  
box-shadow:4px 4px 4px 4px rgb(105, 231,  
225) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.9885, -35.9541, -2.8738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 231, 225) }
```

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

```
.background{ background-color: rgb(105,  
231, 225) }
```

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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