

# Converting Colors

HunterLab(80.5613, -36.1770,  
-20.6194)

Have a look what the booklet for  
HunterLab(80.5613, -36.1770,  
-20.6194) contains.

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# Color

**HunterLab(80.4134,  
-35.9698, -20.8351)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1FE7FF
RGB	31, 231, 255
RGB Percent	12%, 91%, 100%
CMY	0.8783, 0.0941, 0.0000
CMYK	0.88, 0.09, 0.00, 0.00
HSL	186°, 100%, 56%
HSV	186°, 88%, 100%
XYZ	47.1910, 64.6631, 104.6018
YIQ	173.9360, -126.9040, -34.9360

# Conversions

## Conversions Part 2

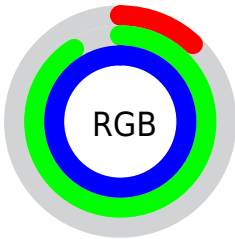
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 137, 255
Decimal	2091007
CIE <sub>Lab</sub>	84.31, -36.45, -24.39
CIE <sub>LCh</sub>	84, 43.857, 213.794
Yxy	64.6654, 0.2180, 0.2987
Android (android.graphics.Color)	4280281087 (0xFF1FE7FF)
YUV	173.9360, 39.9646, -125.3549
Hunter-Lab	80.4134, -35.9698, -20.8351

# Details

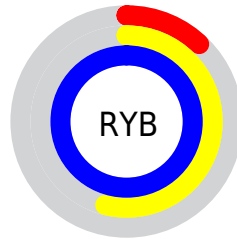
The HunterLab color **80.4134, -35.9698, -20.8351** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **49.0859, 69.9424, 29.9025**, and the grayscale version is **64.9144, -3.4637, 3.5269**.

A 20% lighter version of the original color is **91.1181, -37.7596, -6.0752**, and **58.9382, -25.8431, -17.8799** is the 20% darker color. If you saturate the color by 10%, you get **79.3043, -35.3858, -22.4838**, and if you desaturate by 10%, it is **81.7136, -35.8331, -18.9215**.

# Distribution



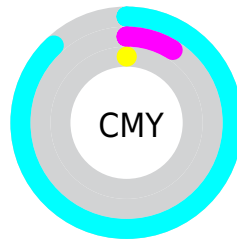
- Red (12%)
- Green (91%)
- Blue (100%)



- Red (12%)
- Yellow (54%)
- Blue (100%)



- Cyan (88%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)




- Cyan (88%)
- Magenta (9%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.4134, -35.9698, -20.8351 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 80.4134, -35.9698, -20.8351 by changing the saturation by 10% instead.





 80.4134, -35.9698,  
-20.8351

 80.4134, -35.9698,  
-20.8351


210.1401,  
-56.6658, -21.1228


 68.6948, -33.4363,  
-20.5392


 105.6261,  
-40.8330, -21.2470

 57.6071, -30.8117,  
-20.1851


 119.0652,  
-43.1867, -21.3721

 47.1898, -28.0712,  
-19.7707


 133.0303,  
-45.5004, -21.4458

 37.4894, -25.1793,  
-19.3001

 147.5024,  
-47.7808, -21.4706

 28.5633, -22.0831,  
-18.7867

162.4643,  
-50.0333, -21.4488

 20.4856, -18.6985,  
-18.2691

177.9005,

 13.3571, -15.1416,

-52.2626, -21.3822

-17.8610

193.7967,  
-54.4724, -21.2730

■ 6.9084, -12.0897,  
-19.6612

0.0000, NaN, -NF

■ 80.4134, -35.9698,  
-20.8351

■ 80.4134, -35.9698,  
-20.8351

■ 79.3043, -35.3858,  
-22.4838

■ 81.7136, -35.8331,  
-18.9215

■ 79.0759, -35.2118,  
-22.8259

■ 83.2321, -34.8599,  
-16.7165

■ 84.9876, -32.9959,  
-14.2100

■ 86.9902, -30.2238,  
-11.4081

89.2440, -26.5556,  
-8.3266

91.7488, -22.0252,  
-4.9879

94.5009, -16.6829,  
-1.4181

97.4937, -10.5891,  
2.3548

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

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



80.4148, -41.6688, 1.7200



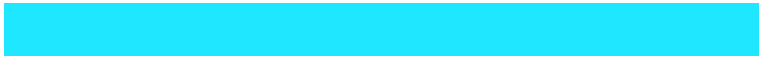
80.4134, -35.9698, -20.8351



80.4148, -21.8196, -39.7296

# Triad

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



80.4148, -35.9700, -20.8330



80.4148, 36.4463, -15.0889



80.4148, -7.0236, 34.6537

# Complementary

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



80.4134, -35.9698, -20.8351



49.0859, 69.9424, 29.9025

# 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.



80.4148, 14.8720, 32.3604



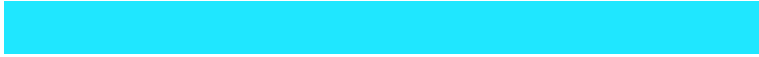
80.4134, -35.9698, -20.8351



80.4148, 41.4641, 6.9467

# Square

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



80.4148, -35.9700, -20.8330



80.4148, 20.1237, -35.8456



80.4148, 33.1966, 23.3909

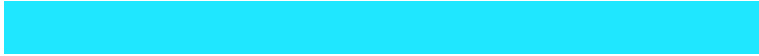


80.4148, -26.1082, 30.7669

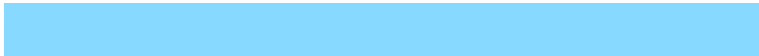


# Rectangle

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



80.4134, -35.9698, -20.8351



80.4148, -8.7341, -45.6138



80.4148, 33.1966, 23.3909



80.4148, 0.2425, 34.5727

# Sweetspot

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



80.4148, -35.9700, -20.8330



92.2342, -21.1063, -4.3509



84.8957, -70.8171, 48.6840



42.2500, -10.5586, -2.5676

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



80.4148, -35.9700, -20.8330



79.0759, -35.2118, -22.8259



45.9284, 18.3700, -93.5087



44.8657, -5.3939, 0.7913



57.2777, -25.6017, -16.3253



18.1263, -8.3088, -4.7200



# Inverse Universe

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



52.9258, 96.7713, -50.3881



51.8108, 99.5041, -50.0590



69.5834, 19.3634, 42.1095



42.7374, 3.3294, -1.0536



37.4698, 71.9905, -36.4248

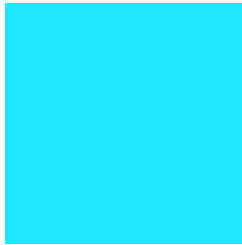


11.7313, 22.6014, -11.8859



# Previews

## White Background



This preview shows how the HunterLab color 80.4134, -35.9698, -20.8351 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

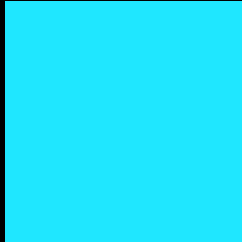
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.4134, -35.9698, -20.8351 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

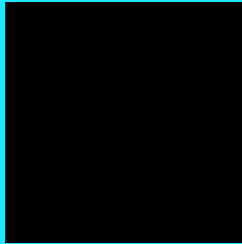
Any Text WCAG AA ✓ Pass

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 80.4134, -35.9698, -20.8351 Background



This preview shows how black text looks on a background with the HunterLab color 80.4134, -35.9698, -20.8351.



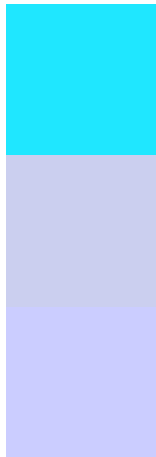
This preview shows how white text looks on a background with the HunterLab color 80.4134,

-35.9698, -20.8351.

# 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

80.4134, -35.9698, -20.8351

### Protanopia

79.7209, 0.4779, -11.6012

### Deuteranopia

79.7365, 4.8744, -21.1292



## Tritanopia

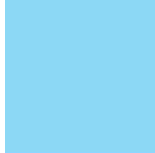
80.5219, -37.6586, -18.2438

# Trichromacy



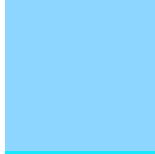
## Original Color

80.4134, -35.9698, -20.8351



## Protanomaly

78.2814, -18.7565, -17.5203



## Deuteranomaly

78.0311, -15.5162, -24.0745



## Tritanomaly

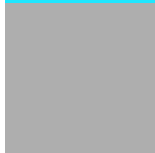
80.5904, -37.3133, -18.7480

# Monochromacy



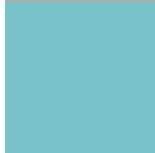
## Original Color

80.4134, -35.9698, -20.8351



## Achromatopsia

65.0590, -3.4714, 3.5348



## Achromatomaly

68.9054, -21.3146, -6.5296

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.4134, -35.9698, -20.8351 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(31, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(31, 231, 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(31, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 231, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.4134, -35.9698, -20.8351 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(31, 231, 255) }
```



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

```
.border{ border-color:rgb(31, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(31, 231,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.4134, -35.9698, -20.8351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 231, 255) }
```

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

```
.background{ background-color: rgb(31, 231,  
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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