

# Converting Colors

HunterLab(80.3329, -31.8167,  
-20.8819)

Have a look what the booklet for  
HunterLab(80.3329, -31.8167,  
-20.8819) contains.

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# Color

**HunterLab(80.1777,  
-31.5470, -21.1080)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DE4FF
RGB	77, 228, 255
RGB Percent	30%, 89%, 100%
CMY	0.6980, 0.1059, 0.0000
CMYK	0.70, 0.11, 0.00, 0.00
HSL	189°, 100%, 65%
HSV	189°, 70%, 100%
XYZ	48.8540, 64.2846, 104.4411
YIQ	185.9290, -98.6630, -23.6150

# Conversions

## Conversions Part 2

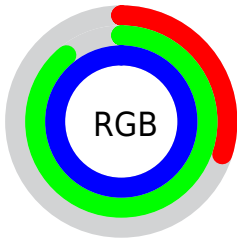
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 159, 255
Decimal	5104895
CIELab	84.11, -31.01, -24.63
CIELCh	84, 39.598, 218.464
Yxy	64.2869, 0.2245, 0.2955
Android (android.graphics.Color)	4283294975 (0xFF4DE4FF)
YUV	185.9290, 34.0520, -95.5307
Hunter-Lab	80.1777, -31.5470, -21.1080

# Details

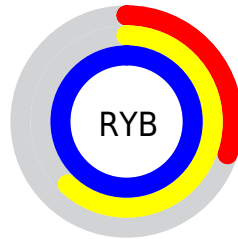
The HunterLab color **80.1777, -31.5470, -21.1080** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **56.3013, 52.1675, 28.2097**, and the grayscale version is **69.9365, -3.7316, 3.7998**.

A 20% lighter version of the original color is **92.1646, -33.7670, -4.6615**, and **57.9502, -24.5748, -19.3829** is the 20% darker color. If you saturate the color by 10%, you get **78.3080, -31.8799, -23.9363**, and if you desaturate by 10%, it is **82.2894, -30.3243, -17.9900**.

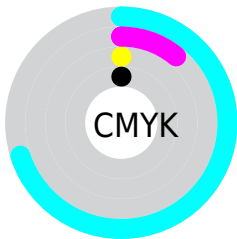
# Distribution



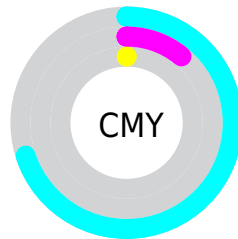
- Red (30%)
- Green (89%)
- Blue (100%)



- Red (30%)
- Yellow (62%)
- Blue (100%)



- Cyan (70%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.1777, -31.5470, -21.1080 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 80.1777, -31.5470, -21.1080 by changing the saturation by 10% instead.





 80.1777, -31.5470,  
-21.1080


 80.1777, -31.5470,  
-21.1080


209.8154,  
-50.1024, -21.4655


 68.4712, -29.3139,  
-20.8039


 105.3679,  
-35.8595, -21.5361


 57.3962, -27.0104,  
-20.4419


 118.7965,  
-37.9580, -21.6692

 46.9925, -24.6165,  
-20.0201


 132.7515,  
-40.0277, -21.7509

 37.3067, -22.1031,  
-19.5429

 147.2139,  
-42.0739, -21.7835

 28.3964, -19.4266,  
-19.0249

162.1663,  
-44.1012, -21.7692

 20.3363, -16.5173,  
-18.5070

177.5933,

 13.2277, -13.3202,

-46.1131, -21.7102

-18.1092

193.4807,  
-48.1127, -21.6084

■ 6.7494, -11.8115,  
-20.2216

0.0000, NaN, -NF

■ 80.1777, -31.5470,  
-21.1080

■ 80.1777, -31.5470,  
-21.1080

■ 78.3080, -31.8799,  
-23.9363

■ 82.2894, -30.3243,  
-17.9900

■ 76.6595, -31.3755,  
-26.4835

■ 84.6468, -28.1976,  
-14.6018

■ 75.1932, -30.1880,  
-28.7931

■ 87.2531, -25.1838,  
-10.9636

■ 75.1645, -30.1616,  
-28.8389

■ 90.1058, -21.3210,  
-7.1027

■ 93.1991, -16.6623,  
-3.0489

■ 96.5249, -11.2693,  
1.1685

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.



80.1791, -38.0618, -1.0578



80.1777, -31.5470, -21.1080



80.1791, -17.5710, -36.3449

# Triad

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



80.1791, -31.5474, -21.1058



80.1791, 33.6082, -9.8443



80.1791, -9.7201, 32.2087

# Complementary

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



80.1777, -31.5470, -21.1080



56.3013, 52.1675, 28.2097

# 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.



80.1791, 9.9321, 30.9321



80.1777, -31.5470, -21.1080



80.1791, 36.2204, 9.4325

# Square

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



80.1791, -31.5474, -21.1058



80.1791, 20.3654, -28.8381



80.1791, 27.1959, 23.5109



80.1791, -26.2712, 27.5466

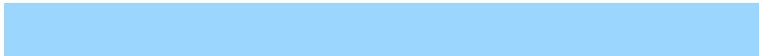


# Rectangle

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



80.1777, -31.5470, -21.1080



80.1791, -5.2838, -40.0356



80.1791, 27.1959, 23.5109



80.1791, -3.2762, 32.4322

# Sweetspot

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



80.1791, -31.5474, -21.1058



92.8153, -17.2617, -3.5449



86.0766, -64.9775, 42.9345



42.5381, -8.6050, -2.1634

0.0000, NaN, NaN

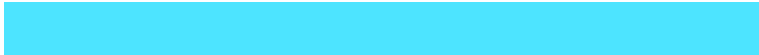


46.2646, -2.4686, 2.5136

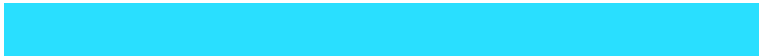


# Same Dimension

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



80.1791, -31.5474, -21.1058



77.5897, -31.7651, -25.0400



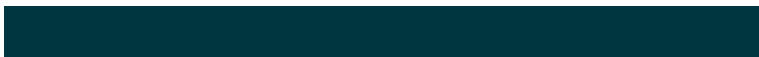
52.2999, 12.1924, -74.8121



44.7038, -5.1353, 0.5991



54.4964, -22.0167, -20.5880



17.3585, -7.3304, -5.8724



# Inverse Universe

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



56.7195, 82.9520, -40.3251



53.0410, 93.2115, -43.3355



77.3339, 6.8137, 42.3874



42.7203, 3.2378, -0.8106



37.0487, 70.5111, -30.8199

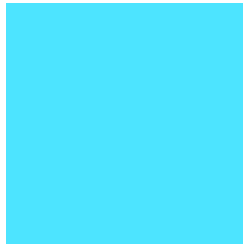


11.6135, 22.1883, -10.3237



# Previews

## White Background



This preview shows how the HunterLab color 80.1777, -31.5470, -21.1080 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

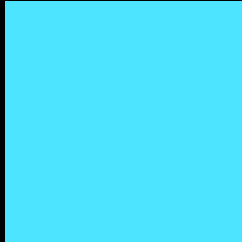
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.1777, -31.5470, -21.1080 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 80.1777, -31.5470, -21.1080 Background



This preview shows how black text looks on a background with the HunterLab color 80.1777, -31.5470, -21.1080.



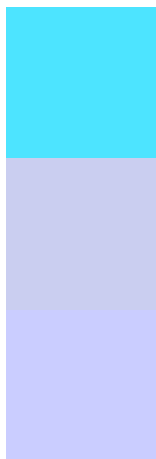
This preview shows how white text looks on a background with the HunterLab color 80.1777, -31.5470, -21.1080.

-31.5470, -21.1080.

# 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

80.1777, -31.5470, -21.1080

### Protanopia

79.3665, 0.9025, -12.6635

### Deuteranopia

79.6487, 4.5789, -21.2661



## Tritanopia

80.1451, -33.9932, -16.9079

# Trichromacy



## Original Color

80.1777, -31.5470, -21.1080



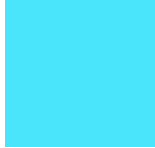
## Protanomaly

78.6472, -14.0907, -16.9089



## Deuteranomaly

78.7252, -11.3652, -22.9404



## Tritanomaly

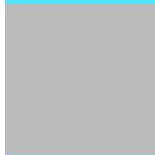
80.2867, -33.2151, -18.5078

# Monochromacy



## Original Color

80.1777, -31.5470, -21.1080



## Achromatopsia

70.0729, -3.7389, 3.8072



## Achromatomaly

72.5172, -17.3725, -6.0064

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.1777, -31.5470, -21.1080 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(77, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(77, 228, 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(77, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 228, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.1777, -31.5470, -21.1080 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(77, 228, 255) }
```



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

```
.border{ border-color:rgb(77, 228, 255) }
```

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

Here you see how a box with a 4 pixel rgb(77, 228, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(77, 228,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.1777, -31.5470, -21.1080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 228, 255) }
```

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

```
.background{ background-color: rgb(77, 228,  
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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