

# Converting Colors

HunterLab(81.2447, 0.8213,  
-18.8838)

Have a look what the booklet for  
HunterLab(81.2447, 0.8213,  
-18.8838) contains.

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# Color

**HunterLab(81.2945, 0.8160,  
-18.8921)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8D3FF
RGB	200, 211, 255
RGB Percent	78%, 83%, 100%
CMY	0.2157, 0.1725, 0.0000
CMYK	0.22, 0.17, 0.00, 0.00
HSL	228°, 100%, 89%
HSV	228°, 22%, 100%
XYZ	65.1637, 66.0880, 103.9295
YIQ	212.7270, -20.6800, 11.3520

# Conversions

## Conversions Part 2

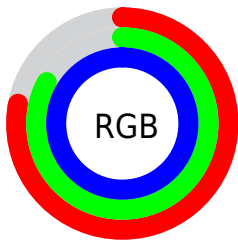
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	200, 209, 255
Decimal	13161471
CIE Lab	85.04, 5.36, -22.71
CIE LCh	85, 23.333, 283.284
Yxy	66.0906, 0.2771, 0.2810
Android (android.graphics.Color)	4291351551 (0xFFC8D3FF)
YUV	212.7270, 20.8406, -11.1616
Hunter-Lab	81.2945, 0.8160, -18.8921

# Details

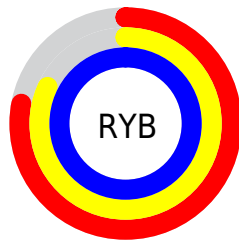
The HunterLab color  $81.2945, 0.8160, -18.8921$  is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be  $94.9372, -8.1742, 24.2297$ , and the grayscale version is  $81.3745, -4.3419, 4.4212$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $58.4901, 1.1810, -18.0947$  is the 20% darker color. If you saturate the color by 10%, you get  $73.0523, 4.5028, -31.6914$ , and if you desaturate by 10%, it is  $89.8257, -2.2992, -7.1365$ .

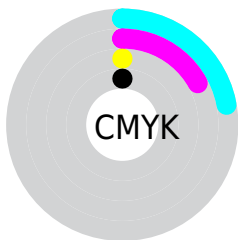
# Distribution



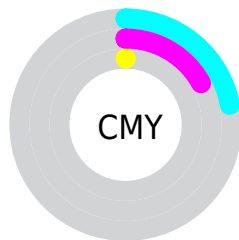
- Red (78%)
- Green (83%)
- Blue (100%)



- Red (78%)
- Yellow (82%)
- Blue (100%)



- Cyan (22%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (17%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.2945, 0.8160, -18.8921 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 81.2945, 0.8160, -18.8921 by changing the saturation by 10% instead.



■ 81.2945, 0.8160,  
-18.8921

■ 81.2945, 0.8160,  
-18.8921

211.3529, -4.2390,  
-18.7062

■ 69.5312, 1.1876,  
-18.6509

106.5909, -0.0607,  
-19.1939

■ 58.3960, 1.5131,  
-18.3507

120.0692, -0.5571,  
-19.2646

■ 47.9282, 1.7864,  
-17.9879

134.0721, -1.0897,  
-19.2848

■ 38.1735, 2.0014,  
-17.5636

148.5806, -1.6568,  
-19.2568

■ 29.1885, 2.1502,  
-17.0859

163.5777, -2.2566,  
-19.1829

■ 21.0458, 2.2216,  
-16.5813


179.0480, -2.8877,

■ 13.8436, 2.1985,

-19.0653


-16.1313

194.9773, -3.5489,  
-18.9058


 7.4716, 2.7277,  
-16.9393

0.0000, NaN, -NF


 81.2945, 0.8160,  
-18.8921


 81.2945, 0.8160,  
-18.8921

 73.0523, 4.5028,  
-31.6914


 89.8257, -2.2992,  
-7.1365

 65.1435, 8.9156,  
-45.8095

 98.6036, -4.9549,  
3.7850

 57.6363, 14.2403,  
-61.5577

100.0000, -5.3358,  
5.4332

 50.6213, 20.6943,  
-79.2540

■ 44.2227, 28.4841,  
-99.0936

■ 38.6064, 37.6833,  
-120.8458

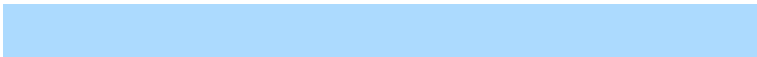
■ 33.9777, 47.9717,  
-143.3107

■ 30.9653, 56.6867,  
-161.0744

# Harmonies

## Analogous

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



81.2961, -10.6205, -18.4729



81.2945, 0.8160, -18.8921



81.2961, 11.4216, -12.4713

# Triad

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



81.2961, 0.8145, -18.8898



81.2961, 12.4329, 17.5961



81.2961, -24.5024, 10.2600

# Complementary

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



81.2945, 0.8160, -18.8921



94.9372, -8.1742, 24.2297

# 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.



81.2961, -18.9892, 18.3282



81.2945, 0.8160, -18.8921



81.2961, 2.1328, 22.1417

# Square

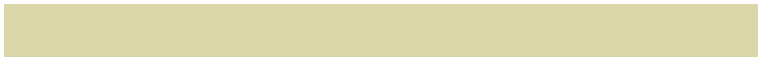
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.2961, 0.8145, -18.8898



81.2961, 18.3771, 9.1230



81.2961, -9.3733, 22.3896



81.2961, -24.8115, -0.5709



# Rectangle

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



81.2945, 0.8160, -18.8921



81.2961, 16.4219, -5.6375



81.2961, -9.3733, 22.3896



81.2961, -23.2109, 13.3462

# Sweetspot

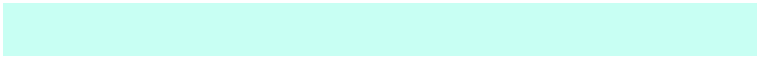
The Sweet Spot groups the original color and five complimentary colors.



81.2961, 0.8145, -18.8898



94.6841, -3.8280, -0.9653



95.0136, -23.9254, 5.1738



43.5397, -1.6912, -0.7759

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



81.2961, 0.8145, -18.8898



77.6041, 2.3704, -24.4201



79.4140, 11.4011, -21.4995



42.3863, -1.3330, -2.2307



22.7494, 39.6948, -114.1245



8.0553, 9.3718, -30.2995



# Inverse Universe

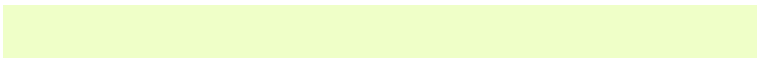
The Inverse Universe completely reimagines the original color for something new.



82.0203, 16.7557, 6.2827



78.6058, 21.4642, 6.6834



97.0122, -19.0345, 26.0482



42.4811, 1.9551, 2.5927



33.5416, 57.8633, 18.4012

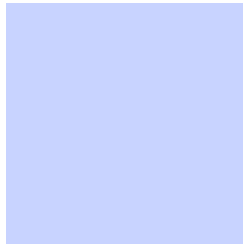


10.5359, 18.3128, 4.7168



# Previews

## White Background



This preview shows how the HunterLab color 81.2945, 0.8160, -18.8921 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

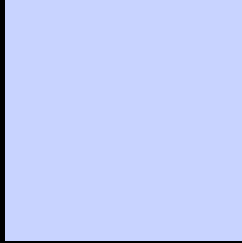
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 81.2945, 0.8160, -18.8921 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

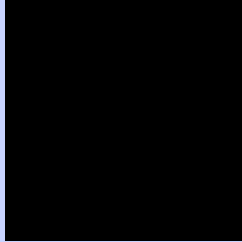
Any Text WCAG AA ✓ Pass

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 81.2945, 0.8160, -18.8921 Background



This preview shows how black text looks on a background with the HunterLab color 81.2945, 0.8160, -18.8921.



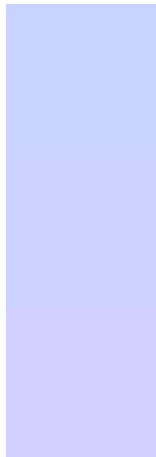
This preview shows how white text looks on a background with the HunterLab color 81.2945, 0.8160,

-18.8921.

# 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

81.2945, 0.8160, -18.8921

### Protanopia

81.2068, 2.0051, -18.3852

### Deuteranopia

81.3515, 5.6761, -18.7236



## Tritanopia

81.3405, -7.0984, -5.6505

# Trichromacy



## Original Color

81.2945, 0.8160, -18.8921

## Protanomaly

81.1206, 1.7117, -18.5162

## Deuteranomaly

81.2935, 3.9349, -18.8390

## Tritanomaly

81.3970, -4.7256, -9.9746

# Monochromacy



## Original Color

81.2945, 0.8160, -18.8921

## Achromatopsia

81.5713, -4.3524, 4.4319

## Achromatomaly

81.3009, -2.7285, -3.4778

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.2945, 0.8160, -18.8921 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(200, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 211, 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(200, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 211, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 81.2945, 0.8160, -18.8921 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(200, 211, 255) }
```



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

```
.border{ border-color:rgb(200, 211, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 211,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 81.2945, 0.8160, -18.8921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 211, 255) }
```

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

```
.background{ background-color: rgb(200,  
211, 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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