

# Converting Colors

HunterLab(84.9331, 1.4072,  
-13.6837)

Have a look what the booklet for  
HunterLab(84.9331, 1.4072,  
-13.6837) contains.

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# Color

**HunterLab(85.0471, 1.0368,  
-13.5313)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7DBFF
RGB	215, 219, 255
RGB Percent	84%, 86%, 100%
CMY	0.1569, 0.1412, 0.0000
CMYK	0.16, 0.14, 0.00, 0.00
HSL	234°, 100%, 92%
HSV	234°, 16%, 100%
XYZ	71.4058, 72.3301, 104.8053
YIQ	221.9080, -13.9400, 10.3480

# Conversions

## Conversions Part 2

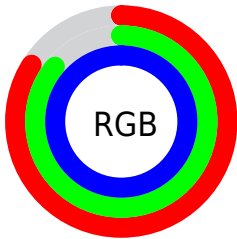
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 219, 255
Decimal	14146559
CIE Lab	88.13, 5.71, -17.94
CIE LCh	88, 18.827, 287.656
Yxy	72.3330, 0.2873, 0.2910
Android (android.graphics.Color)	4292336639 (0xFFD7DBFF)
YUV	221.9080, 16.3144, -6.0583
Hunter-Lab	85.0471, 1.0368, -13.5313

# Details

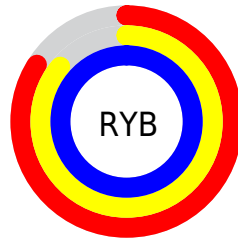
The HunterLab color  $85.0471, 1.0368, -13.5313$  is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be  $97.5497, -9.6816, 20.8641$ , and the grayscale version is  $85.3643, -4.5548, 4.6380$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $61.7266, 1.7671, -13.2506$  is the 20% darker color. If you saturate the color by 10%, you get  $75.9003, 5.7263, -27.0338$ , and if you desaturate by 10%, it is  $94.5038, -3.1436, -1.1774$ .

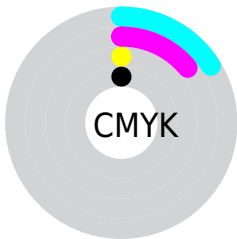
# Distribution



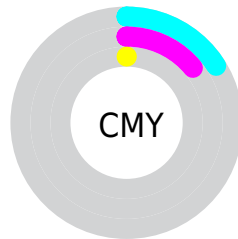
- Red (84%)
- Green (86%)
- Blue (100%)



- Red (84%)
- Yellow (86%)
- Blue (100%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.0471, 1.0368, -13.5313 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 85.0471, 1.0368, -13.5313 by changing the saturation by 10% instead.



■ 85.0471, 1.0368,  
-13.5313

■ 85.0471, 1.0368,  
-13.5313

216.4948, -3.9923,  
-11.9148

■ 73.0963, 1.4060,  
-13.4635

110.6932, 0.1650,  
-13.4934

■ 61.7630, 1.7297,  
-13.3374

124.3355, -0.3286,  
-13.3988

■ 51.0848, 2.0017,  
-13.1469

138.4964, -0.8583,  
-13.2568

■ 41.1046, 2.2163,  
-12.8881

153.1574, -1.4224,  
-13.0699

■ 31.8752, 2.3661,  
-12.5590

168.3021, -2.0191,  
-12.8404

■ 23.4635, 2.4406,  
-12.1624

183.9155, -2.6472,

■ 15.9585, 2.4245,

-12.5702

-11.7188

199.9839, -3.3053,  
-12.2611

■ 9.4866, 2.2925,  
-11.3143

0.0000, NaN, -NF

■ 85.0471, 1.0368,  
-13.5313

■ 85.0471, 1.0368,  
-13.5313

■ 75.9003, 5.7263,  
-27.0338

■ 94.5038, -3.1436,  
-1.1774

■ 67.1129, 11.0815,  
-42.0314

100.0000, -5.3358,  
5.4332

■ 58.7622, 17.2951,  
-58.9458

■ 50.9551, 24.5984,  
-78.2541

■ 43.8453, 33.2089,  
-100.3349

■ 37.6509, 43.1644,  
-125.0256

■ 32.6609, 53.9346,  
-150.6738

■ 29.1855, 63.9157,  
-173.0913

■ 28.1736, 67.3288,  
-180.5581

# Harmonies

## Analogous

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



85.0488, -8.3895, -14.0314



85.0471, 1.0368, -13.5313



85.0488, 9.2982, -7.8462

# Triad

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



85.0488, 1.0350, -13.5290



85.0488, 8.0367, 16.4320



85.0488, -21.5633, 8.2398

# Complementary

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



85.0471, 1.0368, -13.5313



97.5497, -9.6816, 20.8641

# 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.



85.0488, -17.5512, 15.4615



85.0471, 1.0368, -13.5313



85.0488, -0.6260, 19.8333

# Square

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



85.0488, 1.0350, -13.5290



85.0488, 13.4603, 9.7034



85.0488, -9.9800, 19.4986



85.0488, -21.1623, -0.7778



# Rectangle

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



85.0471, 1.0368, -13.5313



85.0488, 12.9116, -2.2023



85.0488, -9.9800, 19.4986



85.0488, -20.6935, 10.9376

# Sweetspot

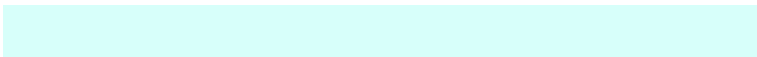
The Sweet Spot groups the original color and five complimentary colors.



85.0488, 1.0350, -13.5290



95.1619, -3.4143, -0.3662



96.3797, -18.4767, 3.2588



43.7141, -1.4512, -0.5543

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.0488, 1.0350, -13.5290



81.9800, 2.5266, -17.8627



85.2647, 7.9901, -13.1073



42.0357, -0.7403, -2.6726



20.5986, 47.7210, -128.7622



7.1120, 12.3401, -35.5281



# Inverse Universe

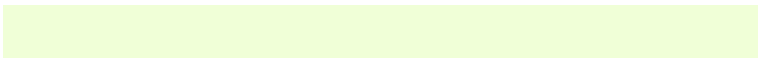
The Inverse Universe completely reimagines the original color for something new.



86.5892, 9.9386, 7.6386



83.8994, 13.2780, 8.1944



97.4133, -16.8295, 20.6003



42.4460, 1.7657, 3.0950



33.4010, 57.3425, 20.4809

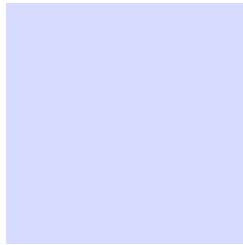


10.4671, 18.0588, 5.7283



# Previews

## White Background



This preview shows how the HunterLab color 85.0471, 1.0368, -13.5313 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

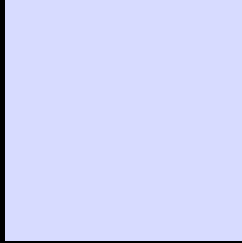
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.0471, 1.0368, -13.5313 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

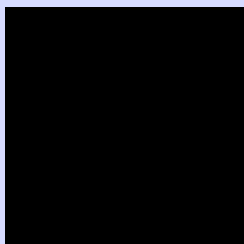
Any Text WCAG AA ✓ Pass

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 85.0471, 1.0368, -13.5313 Background



This preview shows how black text looks on a background with the HunterLab color 85.0471, 1.0368, -13.5313.



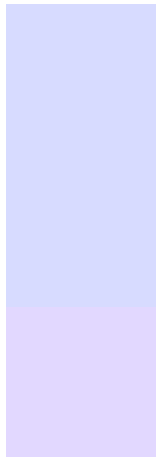
This preview shows how white text looks on a background with the HunterLab color 85.0471, 1.0368, -13.5313.

-13.5313.

# 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

85.0471, 1.0368, -13.5313

### Protanopia

85.0471, 1.0368, -13.5313

### Deuteranopia

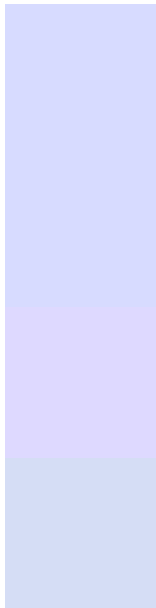
85.1472, 6.0606, -13.3042



## Tritanopia

85.1303, -4.6086, -4.4979

# Trichromacy



## Original Color

85.0471, 1.0368, -13.5313

## Protanomaly

85.0471, 1.0368, -13.5313

## Deuteranomaly

85.0737, 4.2611, -13.4379

## Tritanomaly

85.1185, -2.6267, -7.7694

# Monochromacy



## Original Color

85.0471, 1.0368, -13.5313

## Achromatopsia

85.4670, -4.5603, 4.6436

## Achromatomaly

85.2722, -2.8607, -1.6294

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.0471, 1.0368, -13.5313 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(215, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 219, 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(215, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 219, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.0471, 1.0368, -13.5313 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(215, 219, 255) }
```



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

```
.border{ border-color:rgb(215, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 219,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.0471, 1.0368, -13.5313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 219, 255) }
```

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

```
.background{ background-color: rgb(215,  
219, 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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