

# Converting Colors

HunterLab(84.4369, 9.8313,  
-14.2300)

Have a look what the booklet for  
HunterLab(84.4369, 9.8313,  
-14.2300) contains.

<b>HunterLab(84.4369, 9.8313, -14.2300)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(84.4369, 9.8313,  
-14.2300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7D4FF
RGB	231, 212, 255
RGB Percent	91%, 83%, 100%
CMY	0.0941, 0.1686, 0.0000
CMYK	0.09, 0.17, 0.00, 0.00
HSL	267°, 100%, 92%
HSV	267°, 17%, 100%
XYZ	74.5485, 71.2959, 104.4400
YIQ	222.5830, -2.4790, 17.4010

# Conversions

## Conversions Part 2

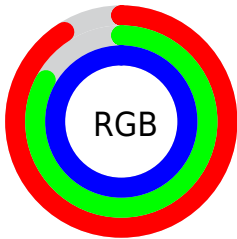
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 212, 255
Decimal	15193343
CIE <sub>Lab</sub>	87.63, 14.43, -18.57
CIE <sub>LCh</sub>	88, 23.518, 307.854
Yxy	71.2988, 0.2979, 0.2849
Android (android.graphics.Color)	4293383423 (0xFFE7D4FF)
YUV	222.5830, 15.9816, 7.3817
Hunter-Lab	84.4369, 9.8313, -14.2300

# Details

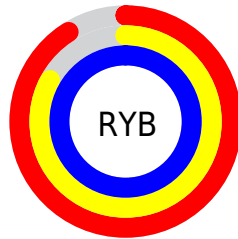
The HunterLab color  $84.4369, 9.8313, -14.2300$  is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be  $97.0088, -18.4455, 21.3825$ , and the grayscale version is  $85.6555, -4.5704, 4.6538$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $61.0779, 9.8066, -14.0545$  is the 20% darker color. If you saturate the color by 10%, you get  $75.6752, 19.1478, -27.1573$ , and if you desaturate by 10%, it is  $93.5607, 0.7617, -2.2885$ .

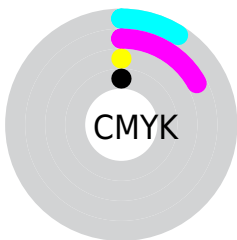
# Distribution



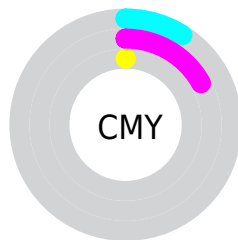
- Red (91%)
- Green (83%)
- Blue (100%)



- Red (91%)
- Yellow (83%)
- Blue (100%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.4369, 9.8313, -14.2300 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 84.4369, 9.8313, -14.2300 by changing the saturation by 10% instead.



84.4369, 9.8313,  
-14.2300

84.4369, 9.8313,  
-14.2300

215.6612, 7.7921,  
-12.8097

72.5163, 9.8032,  
-14.1378

110.0269, 9.7044,  
-14.2392

61.2147, 9.7105,  
-13.9870

123.6428, 9.5625,  
-14.1674

50.5703, 9.5438,  
-13.7715

137.7783, 9.3725,  
-14.0476

40.6262, 9.2934,  
-13.4882

152.4148, 9.1374,  
-13.8825

31.4358, 8.9468,  
-13.1356

167.5357, 8.8596,  
-13.6742

23.0670, 8.4869,  
-12.7190

183.1260, 8.5416,

15.6100, 7.8902,

-13.4248

-12.2644

199.1721, 8.1851,  
-13.1361

■ 9.1907, 7.1380,  
-11.8859

0.0000, INF, -NF

■ 84.4369, 9.8313,  
-14.2300

■ 84.4369, 9.8313,  
-14.2300

■ 75.6752, 19.1478,  
-27.1573

■ 93.5607, 0.7617,  
-2.2885

■ 67.3372, 28.7465,  
-41.3054

100.0000, -5.3358,  
5.4332

■ 59.5140, 38.6123,  
-56.9034

■ 52.3256, 48.6280,  
-74.1056

■ 45.9306, 58.4572,  
-92.7998

■ 40.5256, 67.3769,  
-112.2622

■ 36.3194, 74.1799,  
-130.7650

■ 33.4444, 77.5266,  
-145.7543

■ 32.7244, 78.1040,  
-149.8779

# Harmonies

## Analogous

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



84.4386, -1.3957, -19.6288



84.4369, 9.8313, -14.2300



84.4386, 17.4875, -3.9277

# Triad

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



84.4386, 9.8292, -14.2276



84.4386, 4.1908, 22.2018



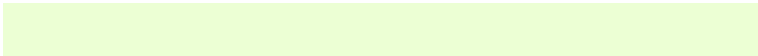
84.4386, -25.7771, 1.6017

# Complementary

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



84.4369, 9.8313, -14.2300



97.0088, -18.4455, 21.3825

# 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.



84.4386, -24.4633, 12.3148



84.4369, 9.8313, -14.2300



84.4386, -7.5797, 23.2603

# Square

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



84.4386, 9.8292, -14.2276



84.4386, 14.1099, 16.7671



84.4386, -17.9519, 19.8872



84.4386, -21.6443, -9.7085



# Rectangle

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



84.4369, 9.8313, -14.2300



84.4386, 19.3130, 3.7860



84.4386, -17.9519, 19.8872



84.4386, -25.9534, 5.3985

# Sweetspot

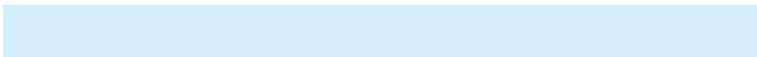
The Sweet Spot groups the original color and five complimentary colors.



84.4386, 9.8292, -14.2276



95.2934, -0.9012, -0.1598



90.2338, -8.9419, -6.7189



43.7838, -0.1268, -0.4444

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.4386, 9.8292, -14.2276



81.6462, 12.7257, -18.1697



86.6198, 16.9584, -11.0860



42.1550, 1.4512, -2.4799



23.8342, 56.6449, -107.2951



7.8522, 18.1250, -31.1880



# Inverse Universe

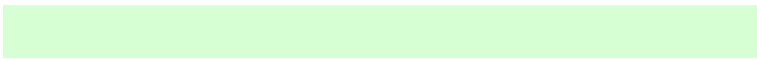
The Inverse Universe completely reimagines the original color for something new.



86.2588, 14.4412, -1.1424



83.8442, 18.1910, -2.2491



95.2373, -24.9127, 19.4695



42.6109, 2.6519, 0.7439



34.8784, 62.7585, -0.9365

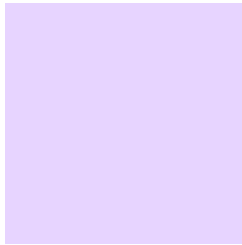


10.9839, 19.9468, -1.7125



# Previews

## White Background



This preview shows how the HunterLab color 84.4369, 9.8313, -14.2300 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

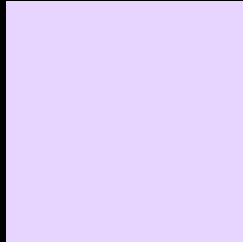
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.4369, 9.8313, -14.2300 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

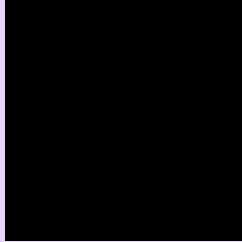
Any Text WCAG AA ✓ Pass

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 84.4369, 9.8313, -14.2300 Background



This preview shows how black text looks on a background with the HunterLab color 84.4369, 9.8313, -14.2300.



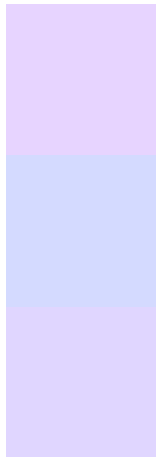
This preview shows how white text looks on a background with the HunterLab color 84.4369, 9.8313, -14.2300.

-14.2300.

# 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

84.4369, 9.8313, -14.2300

### Protanopia

84.4748, 0.6596, -14.3375

### Deuteranopia

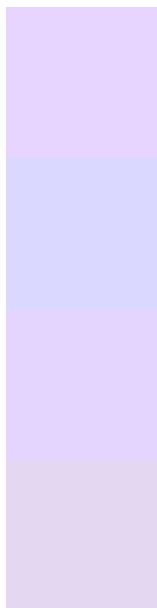
84.3566, 6.5002, -14.4010



## Tritanopia

84.4546, 2.1455, -2.0422

# Trichromacy



## Original Color

84.4369, 9.8313, -14.2300

## Protanomaly

84.4937, 3.8604, -14.2550

## Deuteranomaly

84.3442, 7.9961, -14.3923

## Tritanomaly

84.5256, 4.4932, -6.2106

# Monochromacy



## Original Color

84.4369, 9.8313, -14.2300

## Achromatopsia

85.9017, -4.5835, 4.6672

## Achromatomaly

85.3405, 0.6046, -2.0082

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.4369, 9.8313, -14.2300 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(231, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 212, 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(231, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 212, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.4369, 9.8313, -14.2300 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(231, 212, 255) }
```



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

```
.border{ border-color:rgb(231, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 212,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.4369, 9.8313, -14.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 212, 255) }
```

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

```
.background{ background-color: rgb(231,  
212, 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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