

# Converting Colors

HunterLab(86.4157, 34.2082,  
-9.2330)

Have a look what the booklet for  
HunterLab(86.4157, 34.2082,  
-9.2330) contains.

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# Color

**HunterLab(83.1475, 24.5905,  
-14.0049)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC7FC
RGB	255, 199, 252
RGB Percent	100%, 78%, 99%
CMY	0.0000, 0.2196, 0.0118
CMYK	0.00, 0.22, 0.01, 0.00
HSL	303°, 100%, 89%
HSV	303°, 22%, 100%
XYZ	79.2340, 69.1351, 101.2637
YIQ	221.7860, 16.3630, 28.3550

# Conversions

## Conversions Part 2

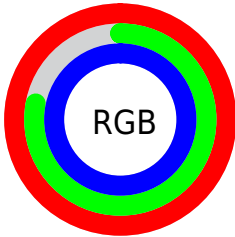
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 199, 252
Decimal	16762876
CIE <sub>Lab</sub>	86.57, 28.46, -18.37
CIE <sub>LCh</sub>	87, 33.872, 327.149
Yxy	69.1378, 0.3174, 0.2770
Android (android.graphics.Color)	4294952956 (0xFFFFC7FC)
YUV	221.7860, 14.8955, 29.1287
Hunter-Lab	83.1475, 24.5905, -14.0049

# Details

The HunterLab color  $83.1475, 24.5905, -14.0049$  is a light color, and the websafe version is hex  $FFCCFF$ . A complement of this color would be  $93.7696, -30.8905, 21.9070$ , and the grayscale version is  $85.3078, -4.5518, 4.6349$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $60.1637, 23.0750, -13.4034$  is the 20% darker color. If you saturate the color by 10%, you get  $76.3436, 38.5676, -22.9281$ , and if you desaturate by 10%, it is  $90.5311, 10.7815, -5.0874$ .

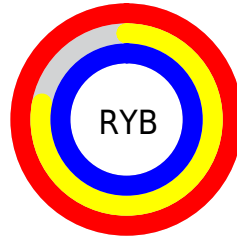
# Distribution



Red (100%)

Green (78%)

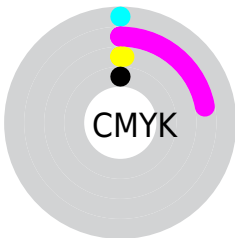
Blue (99%)



Red (100%)

Yellow (78%)

Blue (99%)

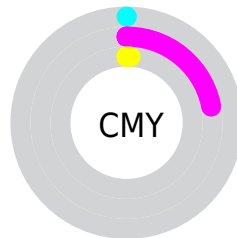


Cyan (0%)

Magenta (22%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.1475, 24.5905, -14.0049 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 83.1475, 24.5905, -14.0049 by changing the saturation by 10% instead.



83.1475, 24.5905,  
-14.0049

83.1475, 24.5905,  
-14.0049

213.8964, 27.1910,  
-12.5737

71.2909, 23.9577,  
-13.9138

108.6179, 25.6064,  
-14.0133

60.0571, 23.2369,  
-13.7631

122.1777, 26.0081,  
-13.9404

49.4845, 22.4154,  
-13.5472

136.2591, 26.3449,  
-13.8194

39.6174, 21.4815,  
-13.2630

150.8434, 26.6213,  
-13.6529

30.5104, 20.4218,  
-12.9093

165.9138, 26.8410,  
-13.4431

22.2332, 19.2221,  
-12.4918


181.4552, 27.0072,

14.8794, 17.8755,


-13.1921


-12.0393


197.4536, 27.1230,  
-12.9018


 8.5299, 16.7131,  
-11.8193


0.0000, INF, -NF


 83.1475, 24.5905,  
-14.0049


 83.1475, 24.5905,  
-14.0049

 76.3436, 38.5676,  
-22.9281


 90.5311, 10.7815,  
-5.0874

 70.2125, 52.4738,  
-31.6837

 98.4061, -2.7289,  
3.7240

 64.8652, 65.8802,  
-39.9797

100.0000, -5.3358,  
5.4332

 60.4131, 78.1532,  
-47.3994

■ 56.9510, 88.4965,  
-53.4359

■ 54.5292, 96.1279,  
-57.6099

■ 53.1185, 100.5776,  
-59.6607

■ 52.5656, 102.1407,  
-59.9895

# Harmonies

## Analogous

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



83.1492, 10.8770, -27.8618



83.1475, 24.5905, -14.0049



83.1492, 30.4827, 2.9774

# Triad

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



83.1492, 24.5876, -14.0033



83.1492, -2.8224, 29.8139



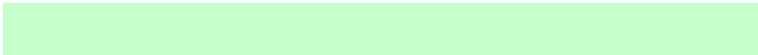
83.1492, -31.3696, -10.8138

# Complementary

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



83.1475, 24.5905, -14.0049



93.7696, -30.8905, 21.9070

# 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.



83.1492, -34.4092, 6.0455



83.1475, 24.5905, -14.0049



83.1492, -18.7248, 27.5592

# Square

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



83.1492, 24.5876, -14.0033



83.1492, 13.8879, 26.4913



83.1492, -29.9637, 19.5789



83.1492, -21.3082, -25.7774



# Rectangle

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



83.1475, 24.5905, -14.0049



83.1492, 28.8637, 13.1165



83.1492, -29.9637, 19.5789



83.1492, -33.2098, -5.0916

# Sweetspot

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



83.1492, 24.5876, -14.0033



94.3789, 4.0413, -0.7015



77.8453, 7.7241, -23.9538



43.4445, 2.2473, -0.5708

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.1492, 24.5876, -14.0033



80.3241, 30.2271, -17.6170



82.1598, 19.4841, -0.0277



42.7581, 3.4402, -1.3477



38.0070, 73.8665, -43.4894



11.8804, 23.1215, -13.8422



# Inverse Universe

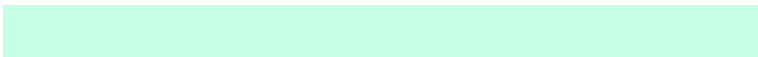
The Inverse Universe completely reimagines the original color for something new.



83.1492, 24.5876, -14.0033



80.3241, 30.2271, -17.6170



94.5331, -26.5160, 10.9246



42.7581, 3.4402, -1.3477



38.0070, 73.8665, -43.4894



11.8804, 23.1215, -13.8422



# Previews

## White Background



This preview shows how the HunterLab color 83.1475, 24.5905, -14.0049 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

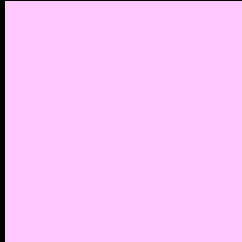
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.1475, 24.5905, -14.0049 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 83.1475, 24.5905, -14.0049 Background



This preview shows how black text looks on a background with the HunterLab color 83.1475, 24.5905, -14.0049.



This preview shows how white text looks on a background with the HunterLab color 83.1475, 24.5905, -14.0049.

-14.0049.

# 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

83.1475, 24.5905, -14.0049

### Protanopia

83.2050, 1.0502, -16.1264

### Deuteranopia

83.4728, 6.2429, -12.6957



## Tritanopia

83.3021, 14.2163, 2.8910

# Trichromacy



## Original Color

83.1475, 24.5905, -14.0049



## Protanomaly

82.9242, 9.3104, -15.7812



## Deuteranomaly

83.2183, 13.0658, -13.5168



## Tritanomaly

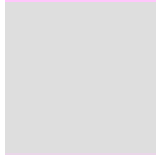
83.2067, 17.5704, -2.8207

# Monochromacy



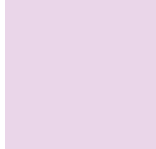
## Original Color

83.1475, 24.5905, -14.0049



## Achromatopsia

85.4670, -4.5603, 4.6436



## Achromatomaly

84.5392, 5.5295, -1.8767

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.1475, 24.5905, -14.0049 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(255, 199, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 252)  
}
```

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(255, 199, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 252) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.1475, 24.5905, -14.0049 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(255, 199, 252) }
```



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

```
.border{ border-color:rgb(255, 199, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
252) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.1475, 24.5905, -14.0049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 252) }
```

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

```
.background{ background-color: rgb(255,  
199, 252) }
```

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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