

# Converting Colors

HunterLab(83.6698, 22.4716,  
-14.9644)

Have a look what the booklet for  
HunterLab(83.6698, 22.4716,  
-14.9644) contains.

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# Color

**HunterLab(83.7595, 22.4501,  
-14.9638)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCCAFF
RGB	252, 202, 255
RGB Percent	99%, 79%, 100%
CMY	0.0118, 0.2078, 0.0000
CMYK	0.01, 0.21, 0.00, 0.00
HSL	297°, 100%, 90%
HSV	297°, 21%, 100%
XYZ	79.3154, 70.1565, 103.9689
YIQ	222.9920, 12.7870, 27.0830

# Conversions

## Conversions Part 2

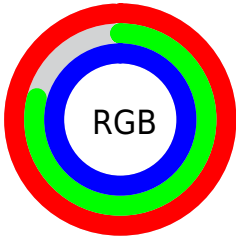
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	252, 202, 255
Decimal	16567039
CIE <sub>Lab</sub>	87.08, 26.45, -19.23
CIE <sub>LCh</sub>	87, 32.701, 323.982
Yxy	70.1595, 0.3130, 0.2768
Android (android.graphics.Color)	4294757119 (0xFFFC <sub>CAFF</sub> )
YUV	222.9920, 15.7799, 25.4400
Hunter-Lab	83.7595, 22.4501, -14.9638

# Details

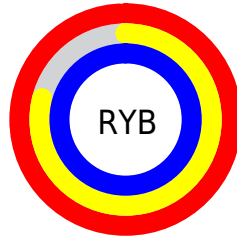
The HunterLab color  $83.7595, 22.4501, -14.9638$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $94.2148, -29.2233, 22.3770$ , and the grayscale version is  $85.8295, -4.5796, 4.6633$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $60.7117, 21.0284, -14.3966$  is the 20% darker color. If you saturate the color by 10%, you get  $76.7442, 36.1858, -25.1678$ , and if you desaturate by 10%, it is  $91.3244, 8.9159, -4.9919$ .

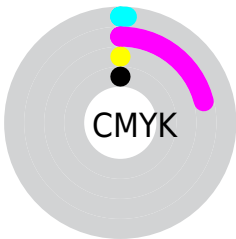
# Distribution



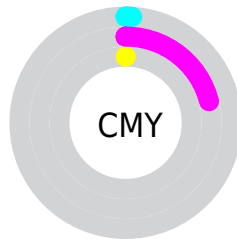
- Red (99%)
- Green (79%)
- Blue (100%)



- Red (99%)
- Yellow (79%)
- Blue (100%)



- Cyan (1%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (1%)
- Magenta (21%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.7595, 22.4501, -14.9638 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 83.7595, 22.4501, -14.9638 by changing the saturation by 10% instead.



83.7595, 22.4501,  
-14.9638

83.7595, 22.4501,  
-14.9638

214.7347, 24.3829,  
-13.7493

71.8725, 21.9041,  
-14.8461

109.2869, 23.3022,  
-15.0222

60.6064, 21.2729,  
-14.6695

122.8734, 23.6258,  
-14.9743

49.9996, 20.5443,  
-14.4282

136.9805, 23.8868,  
-14.8779

40.0958, 19.7067,  
-14.1195

151.5897, 24.0895,  
-14.7356

30.9491, 18.7462,  
-13.7431

166.6841, 24.2374,  
-14.5497

22.6283, 17.6469,  
-13.3070

182.2488, 24.3338,

15.2252, 16.3962,

-14.3221

-12.8441

198.2699, 24.3815,  
-14.0547

8.8501, 15.1255,  
-12.5448

0.0000, INF, -NF

83.7595, 22.4501,  
-14.9638

83.7595, 22.4501,  
-14.9638

76.7442, 36.1858,  
-25.1678

91.3244, 8.9159,  
-4.9919

70.3677, 49.9234,  
-35.4798

99.3543, -4.3148,  
4.6886

64.7398, 63.2856,  
-45.6433

100.0000, -5.3358,  
5.4332

59.9750, 75.6858,  
-55.2458

■ 56.1781, 86.3427,  
-63.7203

■ 53.4166, 94.4226,  
-70.4423

■ 51.6847, 99.3326,  
-74.9422

■ 50.8386, 101.2641,  
-77.2359

# Harmonies

## Analogous

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



83.7613, 8.6656, -27.5559



83.7595, 22.4501, -14.9638



83.7613, 29.0723, 1.3692

# Triad

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



83.7613, 22.4476, -14.9613



83.7613, -1.1586, 29.1439



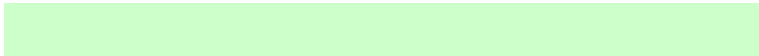
83.7613, -31.2591, -8.5033

# Complementary

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



83.7595, 22.4501, -14.9638



94.2148, -29.2233, 22.3770

# 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.



83.7613, -33.4514, 7.6288



83.7595, 22.4501, -14.9638



83.7613, -16.8501, 27.5042

# Square

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



83.7613, 22.4476, -14.9613



83.7613, 14.7884, 25.2879



83.7613, -28.3732, 20.2815



83.7613, -22.1387, -23.3560



# Rectangle

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



83.7595, 22.4501, -14.9638



83.7613, 28.2020, 11.4558



83.7613, -28.3732, 20.2815



83.7613, -32.8001, -2.9784

# Sweetspot

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



83.7613, 22.4476, -14.9613



95.1104, 2.5485, -0.3255



79.8111, 4.2939, -21.0277



43.7604, 1.5794, -0.4436

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.7613, 22.4476, -14.9613



80.7298, 28.2259, -19.2428



83.2658, 19.2077, -2.7359



42.7141, 3.3346, -1.7297



36.7798, 73.2435, -55.7441



11.5432, 22.9501, -17.2081



# Inverse Universe

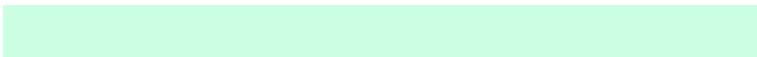
The Inverse Universe completely reimagines the original color for something new.



82.4086, 14.7327, 9.4813



79.0977, 19.0057, 10.4353



94.6108, -26.5109, 13.2076



42.4308, 1.6841, 3.3116



33.3655, 57.2106, 21.0083



10.4381, 17.9512, 6.1578



# Previews

## White Background



This preview shows how the HunterLab color 83.7595, 22.4501, -14.9638 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

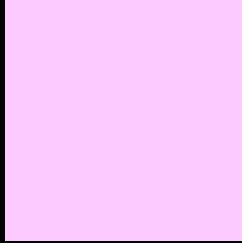
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.7595, 22.4501, -14.9638 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

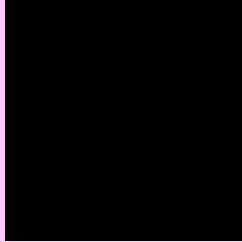
Any Text WCAG AA ✓ Pass

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 83.7595, 22.4501, -14.9638 Background



This preview shows how black text looks on a background with the HunterLab color 83.7595, 22.4501, -14.9638.



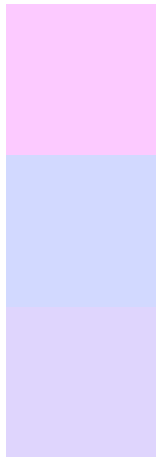
This preview shows how white text looks on a background with the HunterLab color 83.7595, 22.4501, -14.9638.

-14.9638.

# 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

83.7595, 22.4501, -14.9638

### Protanopia

83.9925, 0.5890, -15.0172

### Deuteranopia

83.8858, 6.3129, -13.8807



## Tritanopia

83.9345, 12.0224, 2.1156

# Trichromacy



## Original Color

83.7595, 22.4501, -14.9638

## Protanomaly

83.8538, 7.8954, -15.0853

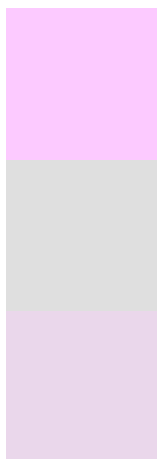
## Deuteranomaly

83.8147, 12.2455, -14.4688

## Tritanomaly

83.8335, 15.3967, -3.6594

# Monochromacy



## Original Color

83.7595, 22.4501, -14.9638

## Achromatopsia

85.9017, -4.5835, 4.6672

## Achromatomaly

84.9067, 5.3601, -2.4712

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.7595, 22.4501, -14.9638 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(252, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 202, 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(252, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 202, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.7595, 22.4501, -14.9638 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(252, 202, 255) }
```



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

```
.border{ border-color:rgb(252, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 202, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 202, 255); box-shadow:4px 4px 4px 4px rgb(252, 202, 255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.7595, 22.4501, -14.9638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 202, 255) }
```

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

```
.background{ background-color: rgb(252,  
202, 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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