

# Converting Colors

HunterLab(91.0872, 63.4854,  
-102.8622)

Have a look what the booklet for  
HunterLab(91.0872, 63.4854,  
-102.8622) contains.

<b>HunterLab(82.7119, 26.2967, -16.3903)</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(82.7119, 26.2967,  
-16.3903)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC5FF
RGB	255, 197, 255
RGB Percent	100%, 77%, 100%
CMY	0.0000, 0.2274, 0.0000
CMYK	0.00, 0.23, 0.00, 0.00
HSL	300°, 100%, 89%
HSV	300°, 23%, 100%
XYZ	79.2563, 68.4126, 103.6356
YIQ	220.9540, 15.9500, 30.3340

# Conversions

## Conversions Part 2

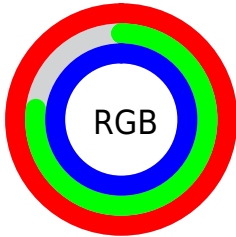
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 197, 255
Decimal	16762367
CIE <sub>Lab</sub>	86.21, 30.04, -20.50
CIE <sub>LCh</sub>	86, 36.374, 325.688
Yxy	68.4152, 0.3154, 0.2722
Android (android.graphics.Color)	4294952447 (0xFFFFC5FF)
YUV	220.9540, 16.7847, 29.8583
Hunter-Lab	82.7119, 26.2967, -16.3903

# Details

The HunterLab color  $82.7119, 26.2967, -16.3903$  is a light color, and the websafe version is hex  $FFCCFF$ . A complement of this color would be  $93.5001, -32.1533, 23.5530$ , and the grayscale version is  $84.9386, -4.5321, 4.6149$ .

A 20% lighter version of the original color is  $99.6813, -4.8054, 5.0668$ , and  $59.7728, 24.7172, -15.7301$  is the 20% darker color. If you saturate the color by 10%, you get  $76.0245, 40.5830, -26.2262$ , and if you desaturate by 10%, it is  $89.9954, 12.1827, -6.6607$ .

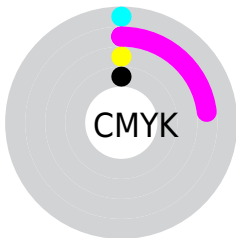
# Distribution



- Red (100%)
- Green (77%)
- Blue (100%)



- Red (100%)
- Yellow (77%)
- Blue (100%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.7119, 26.2967, -16.3903 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 82.7119, 26.2967, -16.3903 by changing the saturation by 10% instead.



82.7119, 26.2967,  
-16.3903

82.7119, 26.2967,  
-16.3903

213.2992, 29.4215,  
-15.5617

70.8771, 25.5960,  
-16.2257

108.1415, 27.4409,  
-16.5408

59.6662, 24.8054,  
-16.0019

121.6823, 27.9039,  
-16.5375

49.1181, 23.9116,  
-15.7135

135.7453, 28.3003,  
-16.4848

39.2773, 22.9032,  
-15.3592

150.3119, 28.6346,  
-16.3853

30.1987, 21.7671,  
-14.9414

165.3652, 28.9106,  
-16.2413

21.9529, 20.4913,  
-14.4736

180.8899, 29.1318,

14.6343, 19.0742,

-16.0548

-14.0045

196.8721, 29.3012,  
-15.8277

8.2939, 18.0601,  
-13.9775

0.0000, INF, -NF

82.7119, 26.2967,  
-16.3903

82.7119, 26.2967,  
-16.3903

76.0245, 40.5830,  
-26.2262

89.9954, 12.1827,  
-6.6607

70.0283, 54.7819,  
-35.9903

97.7847, -1.6143,  
2.8625

64.8344, 68.4348,  
-45.3686

100.0000, -5.3358,  
5.4332

60.5520, 80.8786,  
-53.9081

■ 57.2702, 91.3029,  
-61.0563

■ 55.0289, 98.9437,  
-66.2929

■ 53.7859, 103.3868,  
-69.3368

■ 53.3667, 104.9207,  
-70.3875

# Harmonies

## Analogous

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



82.7135, 11.1943, -31.1792



82.7119, 26.2967, -16.3903



82.7135, 33.1728, 1.9778

# Triad

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



82.7135, 26.2935, -16.3880



82.7135, -1.7885, 31.1522



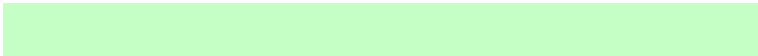
82.7135, -33.4673, -11.1506

# Complementary

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



82.7119, 26.2967, -16.3903



93.5001, -32.1533, 23.5530

# 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.



82.7135, -36.3017, 6.9497



82.7119, 26.2967, -16.3903



82.7135, -18.9515, 29.0997

# Square

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



82.7135, 26.2935, -16.3880



82.7135, 16.1006, 27.4211



82.7135, -31.2136, 21.0557



82.7135, -23.1126, -27.7283



# Rectangle

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



82.7119, 26.2967, -16.3903



82.7135, 31.7749, 12.9532



82.7135, -31.2136, 21.0557



82.7135, -35.2910, -4.9466

# Sweetspot

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



82.7135, 26.2935, -16.3880



94.4115, 4.2164, -1.1635



76.8286, 7.3794, -25.5399



43.4609, 2.3356, -0.8040

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



82.7135, 26.2935, -16.3880



79.7879, 32.3669, -20.5710



81.6617, 20.8895, -1.5563



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764



# Inverse Universe

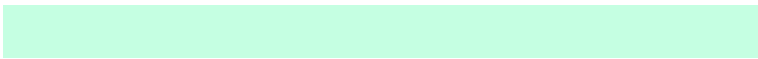
The Inverse Universe completely reimagines the original color for something new.



82.7135, 26.2935, -16.3880



79.7879, 32.3669, -20.5710



94.2774, -27.6885, 12.3577



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764



# Previews

## White Background



This preview shows how the HunterLab color 82.7119, 26.2967, -16.3903 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

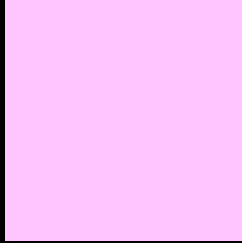
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 82.7119, 26.2967, -16.3903 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

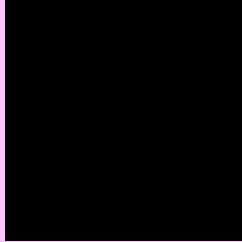
Any Text WCAG AA ✓ Pass

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 82.7119, 26.2967, -16.3903 Background



This preview shows how black text looks on a background with the HunterLab color 82.7119, 26.2967, -16.3903.



This preview shows how white text looks on a background with the HunterLab color 82.7119, 26.2967, -16.3903.

-16.3903.

# 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

82.7119, 26.2967, -16.3903

### Protanopia

82.8122, 1.2822, -16.6842

### Deuteranopia

82.8715, 5.9192, -14.7206



## Tritanopia

82.5532, 14.6003, 2.9921

# Trichromacy



## Original Color

82.7119, 26.2967, -16.3903



## Protanomaly

82.5706, 9.7370, -16.8832



## Deuteranomaly

82.6984, 13.0162, -15.4381



## Tritanomaly

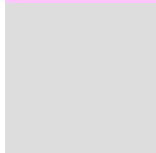
82.6407, 18.6646, -3.5228

# Monochromacy



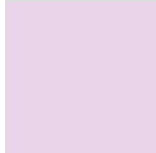
## Original Color

82.7119, 26.2967, -16.3903



## Achromatopsia

85.0326, -4.5371, 4.6200



## Achromatomaly

83.8414, 6.2598, -2.7439

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.7119, 26.2967, -16.3903 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, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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(255, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.7119, 26.2967, -16.3903 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, 197, 255) }
```



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

```
.border{ border-color:rgb(255, 197, 255) }
```

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

Here you see how a box with a 4 pixel rgb(255, 197, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.7119, 26.2967, -16.3903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 255) }
```

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

```
.background{ background-color: rgb(255,  
197, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor