

# Converting Colors

HunterLab(91.5685, 47.4987,  
-4.4118)

Have a look what the booklet for  
HunterLab(91.5685, 47.4987,  
-4.4118) contains.

<b>HunterLab(83.8172, 24.0667, -14.8538)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(83.8172, 24.0667,  
-14.8538)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC9FF
RGB	255, 201, 255
RGB Percent	100%, 79%, 100%
CMY	0.0000, 0.2117, 0.0000
CMYK	0.00, 0.21, 0.00, 0.00
HSL	300°, 100%, 89%
HSV	300°, 21%, 100%
XYZ	80.1766, 70.2532, 103.9421
YIQ	223.3020, 14.8500, 28.2420

# Conversions

## Conversions Part 2

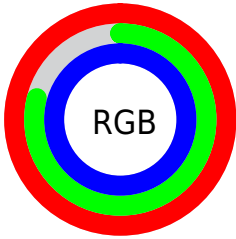
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 201, 255
Decimal	16763391
CIE Lab	87.12, 27.94, -19.13
CIE LCh	87, 33.864, 325.602
Yxy	70.2559, 0.3152, 0.2762
Android (android.graphics.Color)	4294953471 (0xFFFFC9FF)
YUV	223.3020, 15.6271, 27.7991
Hunter-Lab	83.8172, 24.0667, -14.8538

# Details

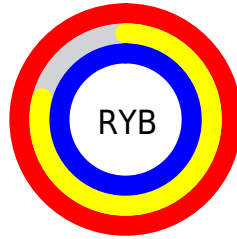
The HunterLab color  $83.8172, 24.0667, -14.8538$  is a light color, and the websafe version is hex  $FFCCFF$ . A complement of this color would be  $93.8912, -30.4845, 22.4252$ , and the grayscale version is  $85.9641, -4.5868, 4.6706$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $60.7869, 22.5803, -14.2586$  is the 20% darker color. If you saturate the color by 10%, you get  $77.0306, 38.3388, -24.6819$ , and if you desaturate by 10%, it is  $91.1856, 9.9958, -5.1520$ .

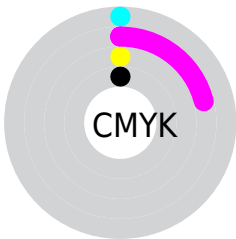
# Distribution



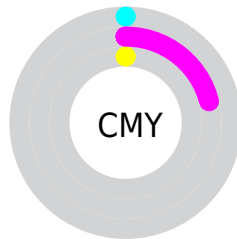
- Red (100%)
- Green (79%)
- Blue (100%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.8172, 24.0667, -14.8538 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 83.8172, 24.0667, -14.8538 by changing the saturation by 10% instead.



83.8172, 24.0667,  
-14.8538

83.8172, 24.0667,  
-14.8538

214.8134, 26.4739,  
-13.6104

71.9272, 23.4593,  
-14.7399

109.3497, 25.0342,  
-14.9056

60.6581, 22.7652,  
-14.5670

122.9388, 25.4132,  
-14.8543

50.0481, 21.9718,  
-14.3293

137.0483, 25.7281,  
-14.7546

40.1408, 21.0674,  
-14.0240

151.6598, 25.9832,  
-14.6090

30.9904, 20.0383,  
-13.6509

166.7565, 26.1823,  
-14.4199

22.6655, 18.8701,  
-13.2173


182.3233, 26.3286,

15.2578, 17.5535,


-14.1892


-12.7555


198.3465, 26.4249,  
-13.9189


 8.8796, 16.2222,  
-12.4460


0.0000, INF, -NF


 83.8172, 24.0667,  
-14.8538


 83.8172, 24.0667,  
-14.8538

 77.0306, 38.3388,  
-24.6819


 91.1856, 9.9958,  
-5.1520

 70.9186, 52.5768,  
-34.4746

 99.0476, -3.7459,  
4.3348

 65.5914, 66.3540,  
-43.9399

100.0000, -5.3358,  
5.4332

 61.1594, 79.0388,  
-52.6461

■ 57.7164, 89.8348,  
-60.0499

■ 55.3122, 97.9524,  
-65.6136

■ 53.9197, 102.9009,  
-69.0040

■ 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.



83.8188, 10.0357, -28.3843



83.8172, 24.0667, -14.8538



83.8188, 30.4542, 2.1568

# Triad

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



83.8188, 24.0636, -14.8516



83.8188, -1.9699, 29.9066



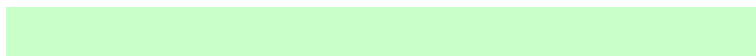
83.8188, -31.8205, -9.9280

# Complementary

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



83.8172, 24.0667, -14.8538



93.8912, -30.4845, 22.4252

# 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.



83.8188, -34.4845, 6.8989



83.8172, 24.0667, -14.8538



83.8188, -18.0646, 27.9305

# Square

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



83.8188, 24.0636, -14.8516



83.8188, 14.6867, 26.2753



83.8188, -29.6453, 20.2176



83.8188, -22.0598, -25.1694



# Rectangle

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



83.8172, 24.0667, -14.8538



83.8188, 29.1815, 12.4596



83.8188, -29.6453, 20.2176



83.8188, -33.5409, -4.1866

# Sweetspot

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



83.8188, 24.0636, -14.8516



95.1965, 2.8409, -0.2140



78.3672, 6.4161, -23.1752



43.8048, 1.7298, -0.3858

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.8188, 24.0636, -14.8516



81.1485, 29.5104, -18.6039



82.8478, 19.0468, -1.1455



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764



# Inverse Universe

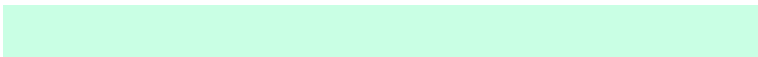
The Inverse Universe completely reimagines the original color for something new.



83.8188, 24.0636, -14.8516



81.1485, 29.5104, -18.6039



94.6255, -26.2798, 11.8566



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 83.8172, 24.0667, -14.8538 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

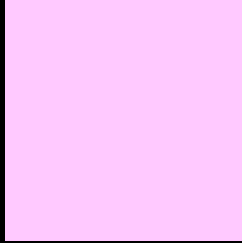
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.8172, 24.0667, -14.8538 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 83.8172, 24.0667, -14.8538 Background



This preview shows how black text looks on a background with the HunterLab color 83.8172, 24.0667, -14.8538.



This preview shows how white text looks on a background with the HunterLab color 83.8172, 24.0667, -14.8538.

-14.8538.

# 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

83.8172, 24.0667, -14.8538

### Protanopia

83.9925, 0.5890, -15.0172

### Deuteranopia

83.8858, 6.3129, -13.8807



## Tritanopia

83.8316, 13.1101, 2.5115

# Trichromacy



## Original Color

83.8172, 24.0667, -14.8538



## Protanomaly

83.6524, 8.7554, -15.3552



## Deuteranomaly

83.9159, 12.5771, -14.3206



## Tritanomaly

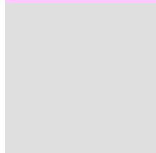
83.8786, 17.0137, -3.5734

# Monochromacy



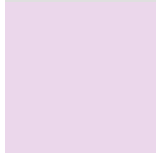
## Original Color

83.8172, 24.0667, -14.8538



## Achromatopsia

85.9017, -4.5835, 4.6672



## Achromatomaly

85.0066, 5.6957, -2.3393

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.8172, 24.0667, -14.8538 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, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 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, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.8172, 24.0667, -14.8538 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, 201, 255) }
```



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

```
.border{ border-color:rgb(255, 201, 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, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.8172, 24.0667, -14.8538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 255) }
```

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

```
.background{ background-color: rgb(255,  
201, 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