

# Converting Colors

HunterLab(84.4275, 21.2108,  
-10.4850)

Have a look what the booklet for  
HunterLab(84.4275, 21.2108,  
-10.4850) contains.

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# Color

**HunterLab(84.4306, 21.2351,  
-10.5384)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCCF9
RGB	255, 204, 249
RGB Percent	100%, 80%, 98%
CMY	0.0000, 0.2000, 0.0235
CMYK	0.00, 0.20, 0.02, 0.00
HSL	307°, 100%, 90%
HSV	307°, 20%, 100%
XYZ	79.9317, 71.2853, 99.1690
YIQ	224.3790, 15.9510, 24.8070

# Conversions

## Conversions Part 2

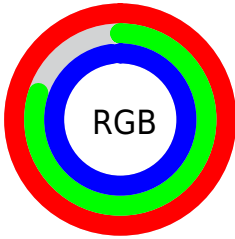
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 204, 249
Decimal	16764153
CIE Lab	87.62, 25.30, -15.20
CIE LCh	88, 29.513, 328.992
Yxy	71.2881, 0.3192, 0.2847
Android (android.graphics.Color)	4294954233 (0xFFFFCCF9)
YUV	224.3790, 12.1382, 26.8546
Hunter-Lab	84.4306, 21.2351, -10.5384

# Details

The HunterLab color  $84.4306, 21.2351, -10.5384$  is a light color, and the websafe version is hex  $FFCCFF$ . A complement of this color would be  $94.3459, -28.3217, 19.3206$ , and the grayscale version is  $86.4472, -4.6126, 4.6968$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $61.1154, 20.5712, -10.9260$  is the 20% darker color. If you saturate the color by 10%, you get  $77.4315, 34.8447, -18.4392$ , and if you desaturate by 10%, it is  $91.9822, 7.8051, -2.5479$ .

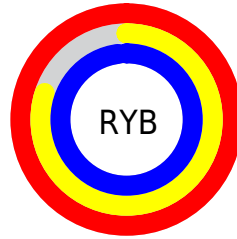
# Distribution



Red (100%)

Green (80%)

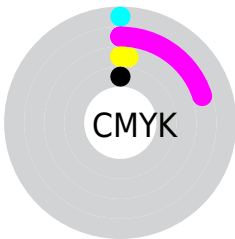
Blue (98%)



Red (100%)

Yellow (80%)

Blue (98%)

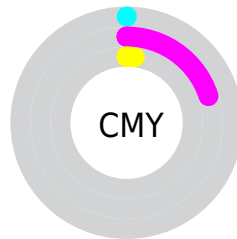


Cyan (0%)

Magenta (20%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.4306, 21.2351, -10.5384 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 84.4306, 21.2351, -10.5384 by changing the saturation by 10% instead.



84.4306, 21.2351,  
-10.5384

84.4306, 21.2351,  
-10.5384

215.6525, 22.7680,  
-8.1619

72.5102, 20.7408,  
-10.5646

110.0199, 21.9881,  
-10.3199

61.2090, 20.1640,  
-10.5330

123.6356, 22.2647,  
-10.1373

50.5649, 19.4921,  
-10.4376

137.7708, 22.4804,  
-9.9092

40.6212, 18.7137,  
-10.2734

152.4070, 22.6391,  
-9.6380

31.4312, 17.8147,  
-10.0355

167.5277, 22.7443,  
-9.3258

23.0629, 16.7787,  
-9.7212

183.1178, 22.7991,

15.6064, 15.5903,

-8.9746

-9.3375

199.1636, 22.8062,  
-8.5861

■ 9.1876, 14.2730,  
-8.9406

0.0000, INF, -NF

■ 84.4306, 21.2351,  
-10.5384

■ 84.4306, 21.2351,  
-10.5384

■ 77.4315, 34.8447,  
-18.4392

■ 91.9822, 7.8051,  
-2.5479

■ 71.0743, 48.4336,  
-26.0925

100.0000, -5.3358,  
5.4332

■ 65.4684, 61.6262,  
-33.2394

■ 60.7276, 73.8454,  
-39.5128

■ 56.9557, 84.3289,  
-44.4620

■ 54.2198, 92.2688,  
-47.6479

■ 52.5154, 97.0912,  
-48.8103

■ 51.6687, 99.0050,  
-48.1728

■ 51.6685, 99.0053,  
-48.1726

# Harmonies

## Analogous

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



84.4323, 9.6988, -22.6088



84.4306, 21.2351, -10.5384



84.4323, 25.7981, 4.1195

# Triad

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



84.4323, 21.2321, -10.5369



84.4323, -4.0097, 27.3882



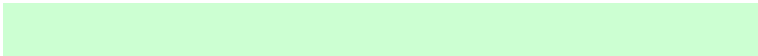
84.4323, -27.9386, -9.5726

# Complementary

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



84.4306, 21.2351, -10.5384



94.3459, -28.3217, 19.3206

# 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.



84.4323, -31.0660, 5.0695



84.4306, 21.2351, -10.5384



84.4323, -17.8365, 24.9731

# Square

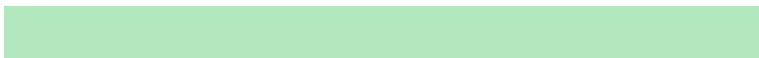
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.4323, 21.2321, -10.5369



84.4323, 10.6218, 24.6243



84.4323, -27.4948, 17.3604



84.4323, -18.6452, -21.9882



# Rectangle

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



84.4306, 21.2351, -10.5384



84.4323, 24.0522, 12.9224



84.4323, -27.4948, 17.3604



84.4323, -29.7164, -4.6758

# Sweetspot

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



84.4323, 21.2321, -10.5369



95.1358, 2.5137, 0.6477



80.0647, 7.4981, -20.5928



43.7735, 1.5614, 0.0582

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.4323, 21.2321, -10.5369



81.5595, 26.6666, -13.7173



83.5500, 16.6449, 1.9554



42.7334, 3.3078, -0.9963



37.3685, 71.6353, -35.0819



11.7030, 22.5025, -11.5125



# Inverse Universe

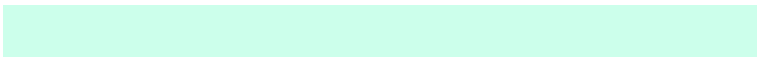
The Inverse Universe completely reimagines the original color for something new.



84.4323, 21.2321, -10.5369



81.5595, 26.6666, -13.7173



95.0697, -24.1945, 8.9271



42.7334, 3.3078, -0.9963



37.3685, 71.6353, -35.0819



11.7030, 22.5025, -11.5125



# Previews

## White Background



This preview shows how the HunterLab color 84.4306, 21.2351, -10.5384 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

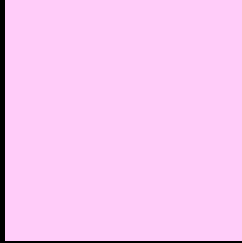
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.4306, 21.2351, -10.5384 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

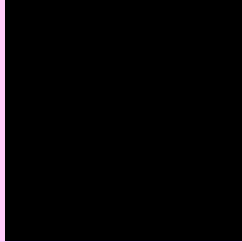
Any Text WCAG AA ✓ Pass

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 84.4306, 21.2351, -10.5384 Background



This preview shows how black text looks on a background with the HunterLab color 84.4306, 21.2351, -10.5384.



This preview shows how white text looks on a background with the HunterLab color 84.4306, 21.2351, -10.5384.

-10.5384.

# 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

84.4306, 21.2351, -10.5384

### Protanopia

84.5630, 0.9608, -14.2086

### Deuteranopia

84.5379, 6.5095, -9.5093



## Tritanopia

84.4058, 13.6295, 2.2114

# Trichromacy



## Original Color

84.4306, 21.2351, -10.5384

## Protanomaly

84.3649, 7.9132, -13.1846

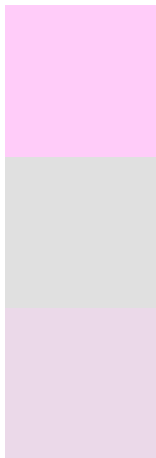
## Deuteranomaly

84.2898, 11.8490, -10.3210

## Tritanomaly

84.5274, 16.1005, -2.2333

# Monochromacy



## Original Color

84.4306, 21.2351, -10.5384

## Achromatopsia

86.3368, -4.6067, 4.6908

## Achromatomaly

85.5401, 4.2683, -0.6495

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.4306, 21.2351, -10.5384 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, 204, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 249)  
}
```

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, 204, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 249) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.4306, 21.2351, -10.5384 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, 204, 249) }
```



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

```
.border{ border-color:rgb(255, 204, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
249) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.4306, 21.2351, -10.5384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 249) }
```

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

```
.background{ background-color: rgb(255,  
204, 249) }
```

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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