

# Converting Colors

HunterLab(84.2073, 58.2117,  
0.2643)

Have a look what the booklet for  
HunterLab(84.2073, 58.2117,  
0.2643) contains.

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# Color

**HunterLab(75.6606, 34.2940,  
-11.4428)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAEE6
RGB	255, 174, 230
RGB Percent	100%, 68%, 90%
CMY	0.0000, 0.3176, 0.0980
CMYK	0.00, 0.32, 0.10, 0.00
HSL	319°, 100%, 84%
HSV	319°, 32%, 100%
XYZ	70.6590, 57.2453, 82.1882
YIQ	204.6030, 30.3000, 34.5880

# Conversions

## Conversions Part 2

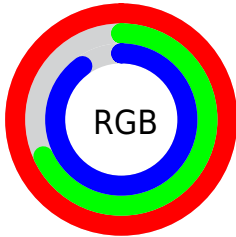
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 174, 230
Decimal	16756454
CIE <sub>Lab</sub>	80.32, 37.78, -16.04
CIE <sub>LCh</sub>	80, 41.044, 337.003
Yxy	57.2476, 0.3363, 0.2725
Android (android.graphics.Color)	4294946534 (0xFFFFAEE6)
YUV	204.6030, 12.5207, 44.1982
Hunter-Lab	75.6606, 34.2940, -11.4428

# Details

The HunterLab color  $75.6606, 34.2940, -11.4428$  is a light color, and the websafe version is hex  $FF99CC$ . A complement of this color would be  $92.0017, -37.7504, 21.2070$ , and the grayscale version is  $77.9047, -4.1568, 4.2327$ .

A 20% lighter version of the original color is  $92.2354, 8.0919, -3.8383$ , and  $53.2534, 32.1086, -11.2071$  is the 20% darker color. If you saturate the color by 10%, you get  $69.1952, 46.8743, -15.8347$ , and if you desaturate by 10%, it is  $82.7681, 21.6341, -6.4930$ .

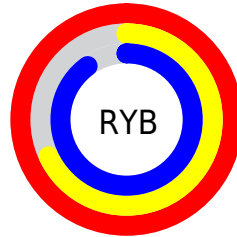
# Distribution



Red (100%)

Green (68%)

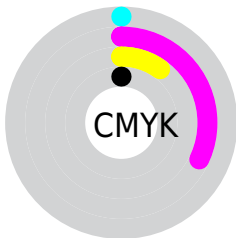
Blue (90%)



Red (100%)

Yellow (68%)

Blue (90%)

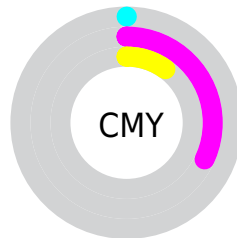


Cyan (0%)

Magenta (32%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (10%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.6606, 34.2940, -11.4428 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 75.6606, 34.2940, -11.4428 by changing the saturation by 10% instead.




 75.6606, 34.2940,  
-11.4428

 75.6606, 34.2940,  
-11.4428


203.5624, 40.1995,  
-9.5978

 64.1904, 33.2314,  
-11.3959


 100.4124, 36.1250,  
-11.3600

 53.3653, 32.0658,  
-11.2875

113.6356, 36.9144,  
-11.2408

 43.2282, 30.7845,  
-11.1115


127.3932, 37.6269,  
-11.0733

 33.8292, 29.3788,  
-10.8633


141.6650, 38.2678,  
-10.8604

 25.2317, 27.8447,  
-10.5408

156.4333, 38.8416,  
-10.6043

 17.5190, 26.1963,  
-10.1500

171.6819, 39.3525,

 10.8071, 24.5210,


-10.3073


-9.7297


187.3961, 39.8041,  
-9.9712


 1.8783, 88.0471,  
-35.7109


0.0000, NaN, NaN


 75.6606, 34.2940,  
-11.4428


 75.6606, 34.2940,  
-11.4428


 69.1952, 46.8743,  
-15.8347


 82.7681, 21.6341,  
-6.4930


 63.4789, 59.0199,  
-19.4341

 90.4166, 9.1073,  
-1.1637

 58.6331, 70.1579,  
-21.9400

 98.5277, -3.1942,  
4.4272

 54.7692, 79.5299,  
-23.0351

 100.0000, -5.3358,  
5.4332

■ 51.9614, 86.3334,  
-22.4808

■ 50.2058, 90.0234,  
-20.2498

■ 49.4027, 90.9719,  
-17.4435

# Harmonies

## Analogous

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



75.6622, 20.2628, -30.8889



75.6606, 34.2940, -11.4428



75.6622, 37.5758, 8.4021

# Triad

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



75.6622, 34.2909, -11.4413



75.6622, -8.6270, 31.9680



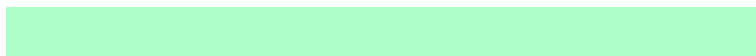
75.6622, -32.1084, -21.0816

# Complementary

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



75.6606, 34.2940, -11.4428



92.0017, -37.7504, 21.2070

# 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.



75.6622, -38.2424, -0.4312



75.6606, 34.2940, -11.4428



75.6622, -25.6184, 27.7083

# Square

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



75.6622, 34.2909, -11.4413



75.6622, 11.4150, 30.4472



75.6622, -35.9946, 16.9457



75.6622, -18.3484, -37.3798



# Rectangle

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



75.6606, 34.2940, -11.4428



75.6622, 32.9560, 18.7858



75.6622, -35.9946, 16.9457



75.6622, -35.0625, -14.2392

# Sweetspot

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



75.6622, 34.2909, -11.4413



91.8146, 6.9214, -0.1947



70.3858, 20.2527, -35.9676



41.9613, 4.0083, -0.4479

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.6622, 34.2909, -11.4413



71.5466, 42.1676, -14.2606



74.3378, 27.6531, 7.3430



42.6606, 2.9185, 0.0366



35.7502, 65.9001, -13.1520



11.2429, 20.8761, -5.3111



# Inverse Universe

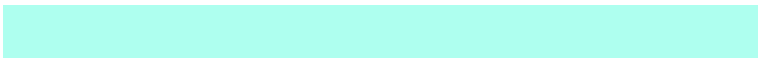
The Inverse Universe completely reimagines the original color for something new.



75.6622, 34.2909, -11.4413



71.5466, 42.1676, -14.2606



93.1341, -31.1855, 4.9545



42.6606, 2.9185, 0.0366



35.7502, 65.9001, -13.1520



11.2429, 20.8761, -5.3111



# Previews

## White Background



This preview shows how the HunterLab color 75.6606, 34.2940, -11.4428 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

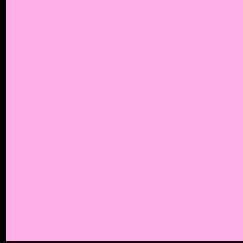
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.6606, 34.2940, -11.4428 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

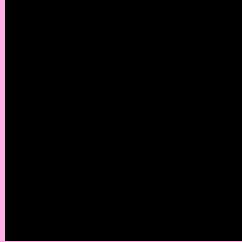
Any Text WCAG AA ✓ Pass

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 75.6606, 34.2940, -11.4428 Background



This preview shows how black text looks on a background with the HunterLab color 75.6606, 34.2940, -11.4428.



This preview shows how white text looks on a background with the HunterLab color 75.6606, 34.2940, -11.4428.

-11.4428.

# 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

75.6606, 34.2940, -11.4428

### Protanopia

75.9825, 2.2702, -21.1746

### Deuteranopia

75.6283, 5.6598, -9.7067



## Tritanopia

75.7971, 22.8894, 7.1829

# Trichromacy



## Original Color

75.6606, 34.2940, -11.4428



## Protanomaly

75.2885, 13.0519, -18.2995



## Deuteranomaly

75.4546, 15.5147, -10.3379



## Tritanomaly

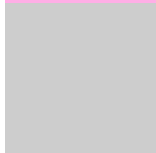
75.5256, 26.9550, 0.6689

# Monochromacy



## Original Color

75.6606, 34.2940, -11.4428



## Achromatopsia

78.1342, -4.1690, 4.2452



## Achromatomaly

76.8938, 9.0385, -1.5139

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.6606, 34.2940, -11.4428 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, 174, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 230)  
}
```

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, 174, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 230) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.6606, 34.2940, -11.4428 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, 174, 230) }
```



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

```
.border{ border-color:rgb(255, 174, 230) }
```

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

Here you see how a box with a 4 pixel rgb(255, 174, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
230) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.6606, 34.2940, -11.4428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 230) }
```

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

```
.background{ background-color: rgb(255,  
174, 230) }
```

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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