

# Converting Colors

HunterLab(81.2842, 50.7174,  
-31.4678)

Have a look what the booklet for  
HunterLab(81.2842, 50.7174,  
-31.4678) contains.

<b>HunterLab(77.4108, 37.5002, -24.1047)</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(77.4108, 37.5002,  
-24.1047)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB1FF
RGB	255, 177, 255
RGB Percent	100%, 69%, 100%
CMY	0.0000, 0.3059, 0.0000
CMYK	0.00, 0.31, 0.00, 0.00
HSL	300°, 100%, 85%
HSV	300°, 31%, 100%
XYZ	75.0122, 59.9243, 102.2207
YIQ	209.2140, 21.4500, 40.7940

# Conversions

## Conversions Part 2

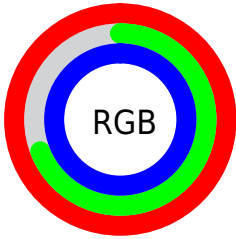
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	255, 177, 255
Decimal	16757247
CIE Lab	81.80, 40.52, -27.22
CIE LCh	82, 48.813, 326.111
Yxy	59.9265, 0.3163, 0.2527
Android (android.graphics.Color)	4294947327 (0xFFFFB1FF)
YUV	209.2140, 22.5725, 40.1543
Hunter-Lab	77.4108, 37.5002, -24.1047

# Details

The HunterLab color  $77.4108, 37.5002, -24.1047$  is a light color, and the websafe version is hex  $FF99FF$ . A complement of this color would be  $91.6746, -40.0428, 28.8852$ , and the grayscale version is  $79.8425, -4.2602, 4.3380$ .

A 20% lighter version of the original color is  $93.4482, 5.9204, -2.3397$ , and  $54.8757, 35.0619, -23.2958$  is the 20% darker color. If you saturate the color by 10%, you get  $71.2575, 51.7468, -33.9041$ , and if you desaturate by 10%, it is  $84.2370, 23.2286, -14.2763$ .

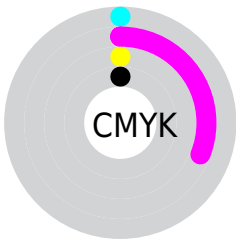
# Distribution



- Red (100%)
- Green (69%)
- Blue (100%)



- Red (100%)
- Yellow (69%)
- Blue (100%)



- Cyan (0%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.4108, 37.5002, -24.1047 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 77.4108, 37.5002, -24.1047 by changing the saturation by 10% instead.



77.4108, 37.5002,  
-24.1047

77.4108, 37.5002,  
-24.1047

205.9920, 44.1526,  
-25.2198

65.8479, 36.3483,  
-23.7148

102.3343, 39.5067,  
-24.7072

54.9247, 35.0931,  
-23.2702

115.6379, 40.3819,  
-24.9270

44.6828, 33.7228,  
-22.7726

129.4728, 41.1789,  
-25.0945

35.1710, 32.2303,  
-22.2333

143.8192, 41.9028,  
-25.2119

26.4503, 30.6143,  
-21.6810

158.6596, 42.5583,  
-25.2811

18.6003, 28.8941,  
-21.1902


173.9779, 43.1494,

11.7311, 27.1643,


-25.3043


-20.9771


189.7598, 43.6797,  
-25.2833


 4.4618, 41.2100,  
-31.9894


0.0000, INF, -NF

 77.4108, 37.5002,  
-24.1047


 77.4108, 37.5002,  
-24.1047

 71.2575, 51.7468,  
-33.9041


 84.2370, 23.2286,  
-14.2763

 65.8811, 65.5667,  
-43.3992

 91.6351, 9.1777,  
-4.5875

 61.3935, 78.3367,  
-52.1644

99.5240, -4.5430,  
4.8855

 57.8904, 89.2669,  
-59.6606

100.0000, -5.3358,  
5.4332

■ 55.4249, 97.5601,  
-65.3448

■ 53.9755, 102.6990,  
-68.8657

■ 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.



77.4122, 16.9864, -45.7668



77.4108, 37.5002, -24.1047



77.4122, 46.8466, 1.2123

# Triad

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



77.4122, 37.4970, -24.1025



77.4122, -1.0162, 36.2130



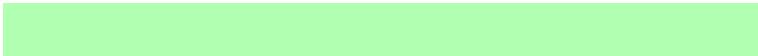
77.4122, -40.9909, -17.4253

# Complementary

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



77.4108, 37.5002, -24.1047



91.6746, -40.0428, 28.8852

# 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.



77.4122, -44.5982, 7.0997



77.4108, 37.5002, -24.1047



77.4122, -23.2090, 33.9331

# Square

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



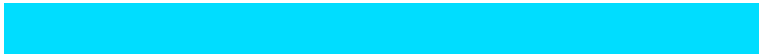
77.4122, 37.4970, -24.1025



77.4122, 22.9827, 32.2779



77.4122, -38.4850, 24.7176



77.4122, -27.9670, -41.1668



# Rectangle

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



77.4108, 37.5002, -24.1047



77.4122, 44.7554, 15.3163



77.4122, -38.4850, 24.7176



77.4122, -43.2721, -8.8240

# Sweetspot

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



77.4122, 37.4970, -24.1025



92.8555, 6.9780, -3.0696



69.2924, 12.4504, -38.0355



42.4410, 4.1618, -2.0643

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.4122, 37.4970, -24.1025



73.3809, 46.6606, -30.4069



75.9372, 30.1454, -3.4054



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764



# Inverse Universe

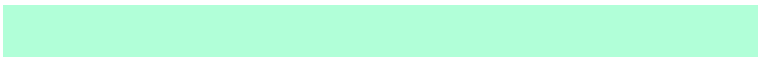
The Inverse Universe completely reimagines the original color for something new.



77.4122, 37.4970, -24.1025



73.3809, 46.6606, -30.4069



92.6422, -34.4027, 14.9048



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 77.4108, 37.5002, -24.1047 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

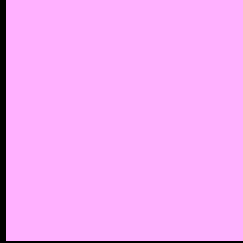
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.4108, 37.5002, -24.1047 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

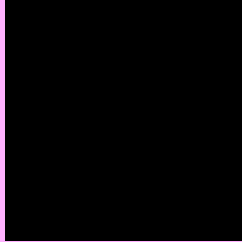
Any Text WCAG AA ✓ Pass

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 77.4108, 37.5002, -24.1047 Background



This preview shows how black text looks on a background with the HunterLab color 77.4108, 37.5002, -24.1047.



This preview shows how white text looks on a background with the HunterLab color 77.4108, 37.5002, -24.1047.

-24.1047.

# 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

77.4108, 37.5002, -24.1047

### Protanopia

77.7227, 2.7146, -24.2307

### Deuteranopia

77.5185, 6.3150, -21.9282



## Tritanopia

77.3055, 19.7486, 5.1256

# Trichromacy



## Original Color

77.4108, 37.5002, -24.1047



## Protanomaly

77.2373, 14.7103, -24.7733



## Deuteranomaly

77.1398, 17.0724, -22.9529



## Tritanomaly

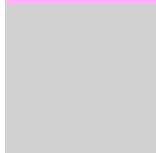
77.1989, 26.2209, -4.5088

# Monochromacy



## Original Color

77.4108, 37.5002, -24.1047



## Achromatopsia

79.8497, -4.2606, 4.3384



## Achromatomaly

78.4807, 10.6289, -5.8118

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.4108, 37.5002, -24.1047 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, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 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, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.4108, 37.5002, -24.1047 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, 177, 255) }
```



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

```
.border{ border-color:rgb(255, 177, 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, 177, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.4108, 37.5002, -24.1047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 255) }
```

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

```
.background{ background-color: rgb(255,  
177, 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