

# Converting Colors

HunterLab(74.2012, 27.9500,  
-14.0988)

Have a look what the booklet for  
HunterLab(74.2012, 27.9500,  
-14.0988) contains.

<b>HunterLab(74.3945, 27.8904, -13.9219)</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(74.3945, 27.8904,  
-13.9219)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F0B0E7
RGB	240, 176, 231
RGB Percent	94%, 69%, 91%
CMY	0.0588, 0.3098, 0.0941
CMYK	0.00, 0.27, 0.04, 0.06
HSL	308°, 68%, 82%
HSV	308°, 27%, 94%
XYZ	65.8843, 55.3454, 82.8115
YIQ	201.4060, 20.4890, 30.6730

# Conversions

## Conversions Part 2

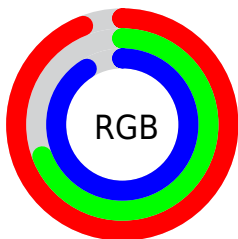
Format	Color
R <sub>Y</sub> B	240, 176, 231
Decimal	15773927
CIE Lab	79.24, 31.99, -18.35
CIE LCh	79, 36.877, 330.154
Yxy	55.3479, 0.3229, 0.2713
Android (android.graphics.Color)	4293964007 (0xFFFF0B0E7)
YUV	201.4060, 14.5898, 33.8469
Hunter-Lab	74.3945, 27.8904, -13.9219

# Details

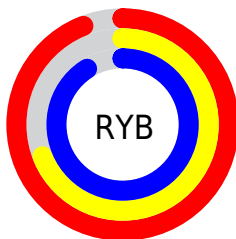
The HunterLab color  $74.3945, 27.8904, -13.9219$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $86.6341, -32.4702, 21.4009$ , and the grayscale version is  $76.5332, -4.0836, 4.1582$ .

A 20% lighter version of the original color is  $92.8403, 7.0051, -3.0883$ , and  $52.2765, 25.8029, -13.3344$  is the 20% darker color. If you saturate the color by 10%, you get  $68.2381, 40.4541, -20.7813$ , and if you desaturate by 10%, it is  $81.1165, 15.3773, -6.8512$ .

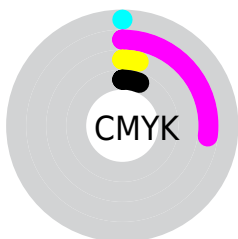
# Distribution



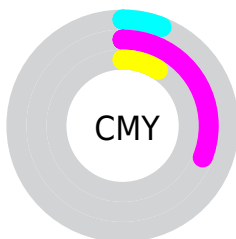
- Red (94%)
- Green (69%)
- Blue (91%)



- Red (94%)
- Yellow (69%)
- Blue (91%)



- Cyan (0%)
- Magenta (27%)
- Yellow (4%)
- Black (6%)




- Cyan (6%)
- Magenta (31%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.3945, 27.8904, -13.9219 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 74.3945, 27.8904, -13.9219 by changing the saturation by 10% instead.





 74.3945, 27.8904,  
-13.9219

 74.3945, 27.8904,  
-13.9219


201.7992, 32.0378,  
-12.7884

 62.9923, 27.0473,  
-13.7869


 99.0204, 29.2993,  
-14.0098

 52.2392, 26.1043,  
-13.5896

112.1848, 29.8845,  
-13.9732

 42.1790, 25.0483,  
-13.3246


125.8858, 30.3976,  
-13.8865

 32.8631, 23.8675,  
-12.9899

140.1031, 30.8437,  
-13.7525

 24.3565, 22.5508,  
-12.5887

154.8188, 31.2271,  
-13.5735

 16.7452, 21.0965,  
-12.1404

170.0163, 31.5518,

 10.1503, 19.5491,

-13.3519

-11.7247

185.6810, 31.8210,  
-13.0896

0.0000, INF, -NF

0.0000, NaN, NaN

■ 74.3945, 27.8904,  
-13.9219

■ 74.3945, 27.8904,  
-13.9219

■ 68.2381, 40.4541,  
-20.7813

■ 81.1165, 15.3773,  
-6.8512

■ 62.7380, 52.7925,  
-27.2304

■ 88.3167, 3.0721,  
0.2989

■ 58.0008, 64.4426,  
-32.9698

■ 95.9283, -8.9633,  
7.4572

■ 54.1288, 74.7562,  
-37.6159

■ 98.2892, -12.0084,  
8.4852

■ 51.2013, 82.9789,

■ 98.3947, -11.4234,

-40.7623

6.9776

■ 49.2436, 88.4634,  
-42.1100

■ 98.5020, -10.8292,  
5.4459

■ 48.1898, 90.9858,  
-41.6367

■ 98.6111, -10.2256,  
3.8901

■ 47.9518, 91.4369,  
-41.2462

■ 98.6233, -10.1585,  
3.7174

# Harmonies

## Analogous

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



74.3961, 13.8956, -29.7134



74.3945, 27.8904, -13.9219



74.3961, 33.1879, 4.1367

# Triad

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



74.3961, 27.8881, -13.9202



74.3961, -4.0652, 29.6841



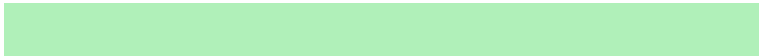
74.3961, -31.1598, -14.1070

# Complementary

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



74.3945, 27.8904, -13.9219



86.6341, -32.4702, 21.4009

# 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.



74.3961, -35.0241, 3.9624



74.3945, 27.8904, -13.9219



74.3961, -20.3007, 26.9468

# Square

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



74.3961, 27.8881, -13.9202



74.3961, 13.7224, 27.0033



74.3961, -31.2377, 18.4200



74.3961, -20.1560, -29.8378



# Rectangle

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



74.3945, 27.8904, -13.9219



74.3961, 30.7267, 14.3578



74.3961, -31.2377, 18.4200



74.3961, -33.2883, -7.9840

# Sweetspot

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



74.3961, 27.8881, -13.9202



93.5331, 5.0694, -0.7243



68.9935, 11.5994, -28.1279



42.7245, 3.2604, -0.8707

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.3961, 27.8881, -13.9202



76.0286, 37.2059, -18.9496



73.2965, 22.2959, 1.6157



39.9887, 3.0161, -0.7947



35.4993, 67.7260, -30.7994



10.2897, 19.7122, -9.5583



# Inverse Universe

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



74.3961, 27.8881, -13.9202



76.0286, 37.2059, -18.9496



87.4856, -27.5573, 9.1511



39.9887, 3.0161, -0.7947



35.4993, 67.7260, -30.7994

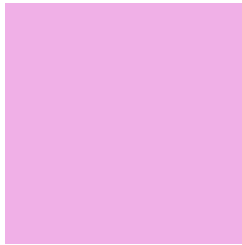


10.2897, 19.7122, -9.5583



# Previews

## White Background



This preview shows how the HunterLab color 74.3945, 27.8904, -13.9219 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

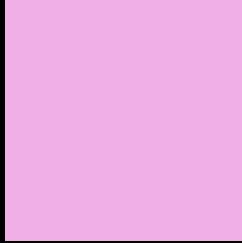
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.3945, 27.8904, -13.9219 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

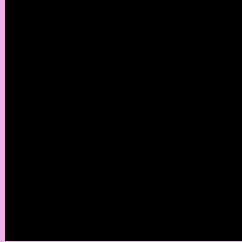
Any Text WCAG AA ✓ Pass

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 74.3945, 27.8904, -13.9219 Background



This preview shows how black text looks on a background with the HunterLab color 74.3945, 27.8904, -13.9219.



This preview shows how white text looks on a background with the HunterLab color 74.3945, 27.8904, -13.9219.

-13.9219.

# 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

74.3945, 27.8904, -13.9219

### Protanopia

74.7504, 2.5582, -21.7805

### Deuteranopia

74.6446, 5.5357, -12.2078



## Tritanopia

74.2318, 16.6631, 4.3205

# Trichromacy



## Original Color

74.3945, 27.8904, -13.9219

## Protanomaly

74.2816, 11.1605, -19.2130

## Deuteranomaly

74.3115, 13.4199, -13.1188

## Tritanomaly

74.3307, 20.6230, -1.9524

# Monochromacy



## Original Color

74.3945, 27.8904, -13.9219

## Achromatopsia

76.4250, -4.0778, 4.1523

## Achromatomaly

75.4320, 7.0364, -2.3542

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.3945, 27.8904, -13.9219 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(240, 176, 231)` looks like.

```
.text, #text, p{  
    color:rgb(240, 176, 231)  
}
```

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(240, 176, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 176, 231) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.3945, 27.8904, -13.9219 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(240, 176, 231) }
```



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

```
.border{ border-color:rgb(240, 176, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 176, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 176, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 176, 231);  
box-shadow:4px 4px 4px 4px rgb(240, 176,  
231) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.3945, 27.8904, -13.9219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 176, 231) }
```

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

```
.background{ background-color: rgb(240,  
176, 231) }
```

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